

WE INNOVATE

Product design  
Graduation Project

جامعة الأميرة  
نورة بنت عبد الرحمن  
كلية التصميم و الفنون





إن لدينا عقليات سعودية مُبهرة  
و رائعة جدًا و مُشرقة  
خاصةً في جيل الشباب  
طاقة قوية  
ثقافة عالية  
احترافية جيدة و قوية جدًا

صاحب السمو الملكي الأمير محمد بن سلمان - حفظه الله



#WE\_INNOVATE



نبتكر لكي نجعل العالم أفضل.

شغف الابتكار يكمن في العقول النيرة بالمعرفة والتساؤلات، ورغبة قوية لابتكار منتجات فريدة من نوعها باصمة سعودية معاصرة

نبتكر لنعد مجتمع قادر على خلق الفرص ومتجاوز للتحديات الأكثر حاجة حول العالم، وذلك لصناعة منتجات تكشف عن عمق الفكر الإبداعي للكوادر الوطنية، ولتعزيز دور المصممة السعودية

نحن هنا لكي ندعم مصمماتنا في رحلة التصميم بأكملها، حيث نرافقهم على الطريق خطوة بخطوة. سواء من حيث المنتجات، أو الأبحاث، أو التجهيزات، فهم جزء من لوحة جميلة لا تكتمل إلا بالعمل مع فريق رائع من أعضاء الهيئة التعليمية والإدارية بالقسم، وأيضًا ببعضهم البعض وفقاً لرؤية المملكة  
أسأل الله أن تكون بداية لمزيد من التفوق والإنجاز.

د. غادة بنت عبدالعزيز بن دهيم  
رئيسة قسم تصميم المنتجات



# Introduction

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The Innovation Exhibition represents a variety of ideas in various fields of product design that reflect the ideas of a generation of young Saudi women in solving the problems of society in the form of devices and products provided by female graduates of the Product Design Department 1442 (second semester), some of which depend on artificial intelligence and the other depends on the exploitation of New and renewed energies, the ideas were characterized by simplicity, contemporary and feasibility within the already existing Saudi factories. The exhibition reflects the Kingdom's ambitious vision to create and qualify a creative generation that establishes an industrial society that covers local needs of products and looks forward to reaching the world, with the goal of investing in human minds.

Prof. Safaa Hanafy

Dr . Alaa Emad

# Third batch graduates

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After years spent with diligence, creativity, and staying up for nights, we've always aimed to be different and unique, and this is our motto. So, here we are today, reaching the end of our journey, but starting a new beginning to a bright future full of creativity and productivity that hopefully will serve the world. We're honored to be Princess Nourah bint Abdulrahman's product design graduates, and we would like to extend our sincere gratitude to everyone who supported us from scratch till the last day of our journey especially our elite professors.



The graduates of the third batch of the Product Design Department for the year 2021

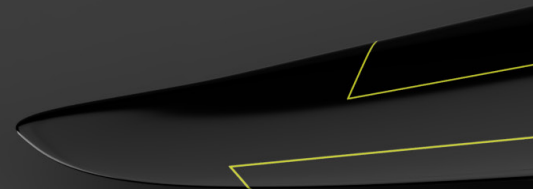
Shahad Ali Alkhalifah	8	Asma Arar Shuaifan Al-Dossar	76
Yasmine AlRumaih	12	Rola Khalid Almuqbl	80
Maha mohammed al.aqil	16	Ghaida Mohammed Albeyahi	84
Ibtisam Sultan Althonyan	20	Lamia Abdel Rahman Al-Shabanat	88
Sundus Almohaimeed	24	Nejood Fahad Alghtani	92
Maha Alhamdan	28	Alanoud Bin Basais	96
Noura Almoghiyra	32	Amal Amer	100
Shada omar alrashdi	36	Lolwah Alomair	104
Shatha Saad Aldhuayan	40	Luluah Alfunaysan	108
Shumokh Yaser ALhuthail	44	Sarah AlSaeed	112
Maha Ahmed Al-Zahrani	48	Roba alfadhel	116
Nada Majid Al-Bitar	52	Hessa AlSaleh	120
Latifa Fahd Al-Muharj	56	Raneem Alsemari	124
Lama Salem ALkatheri	60	Raghad Alturki	128
Halah Aalqeel	64	Zahrah khalban	132
Mariam Mubark Alwdman	68	Afaf AlShahrani	136
Norah Abdullah Al-Ajmi	72		

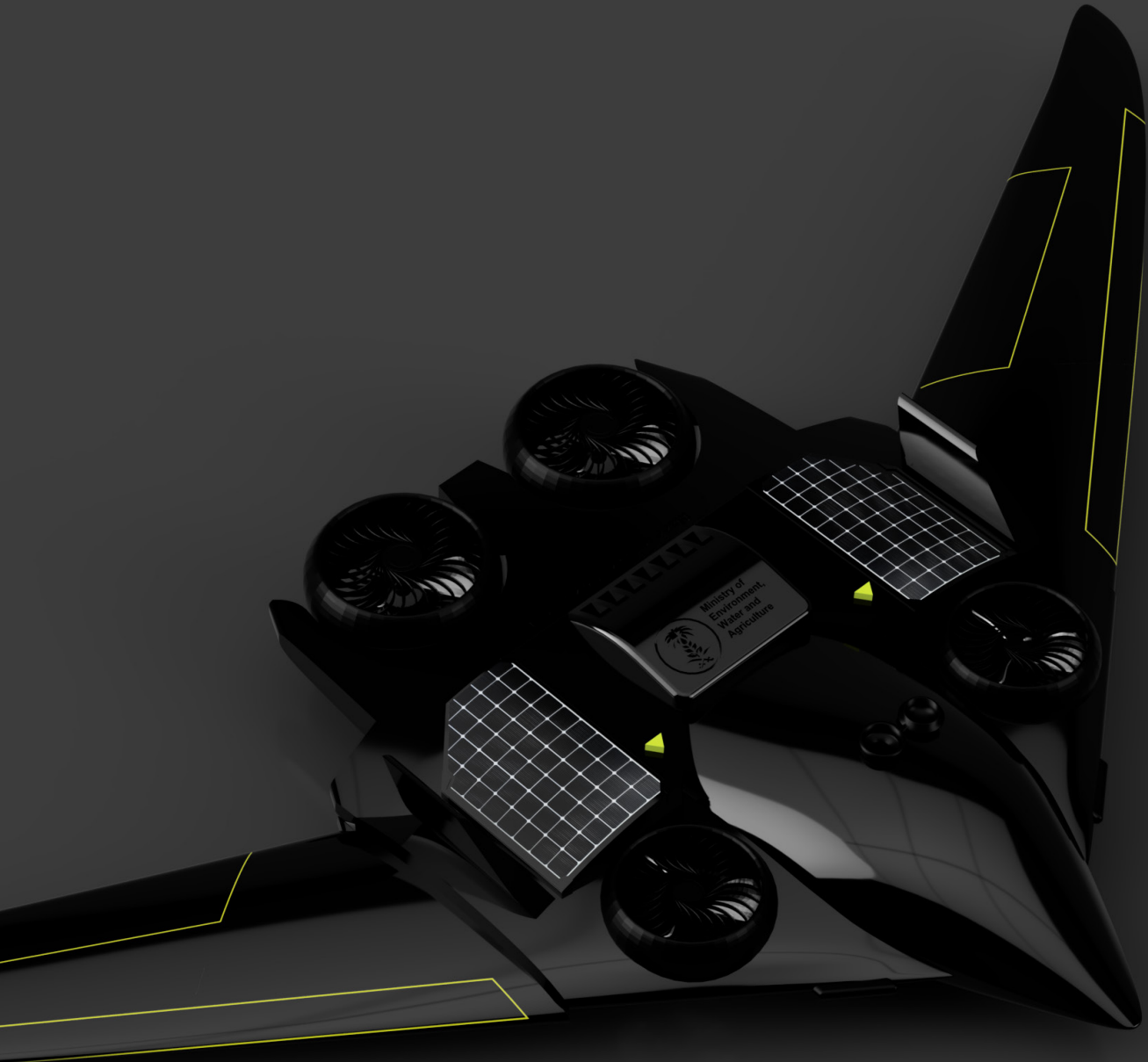
# Shahad Ali Alkhalifah

Locust extermination plane and suction use as fertilizer

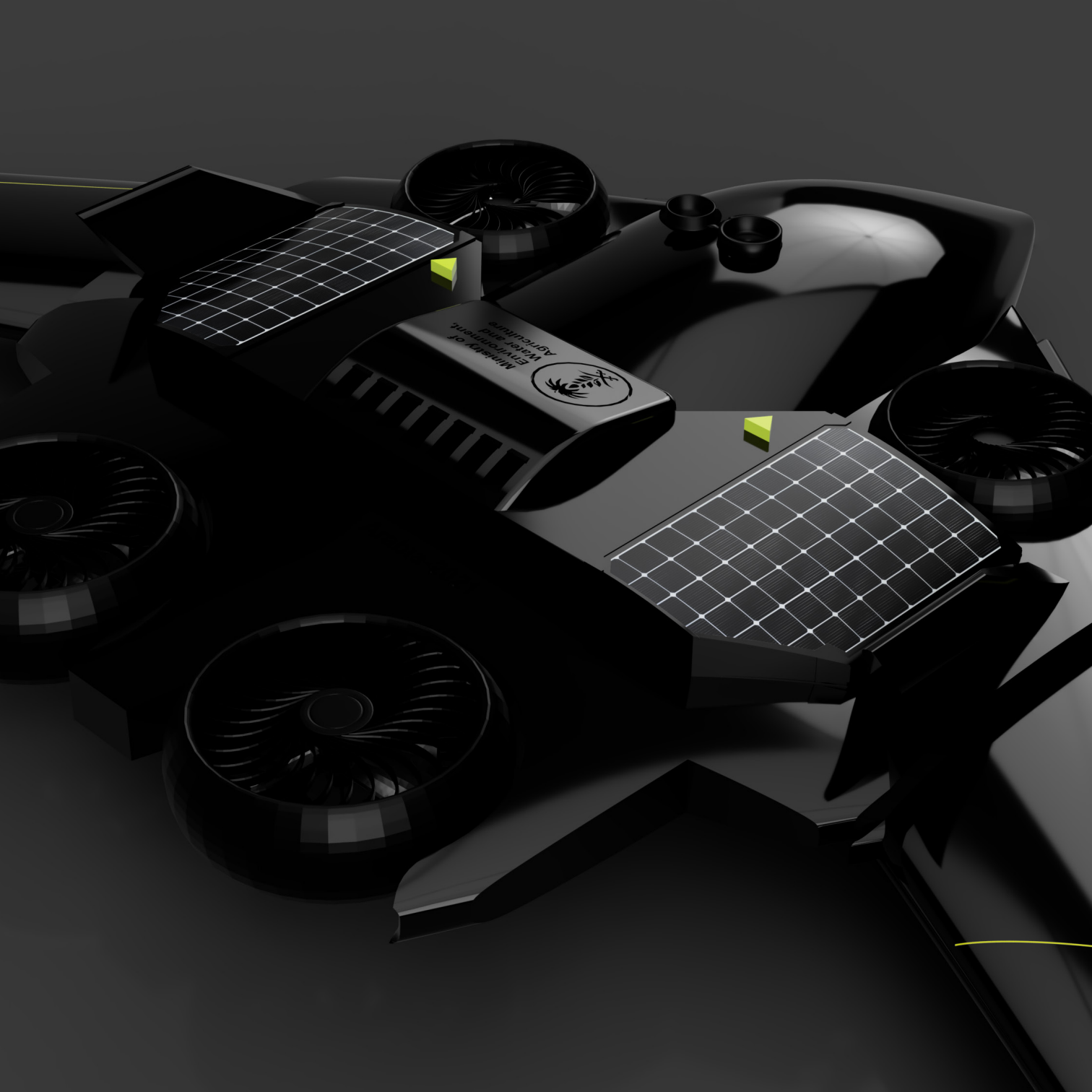
## About

The plane is operated to fly and controlled by application, a natural insecticide is sprayed in addition to flying at large distances and spraying pesticides in record time, in addition to the locust suction device that contains blades for chopping locusts and using it as fertilizer for the environment.





Ministry of  
Environment,  
Water and  
Agriculture





**Shahad Ali Alkhalifah**

Product Designer

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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2020-2021 ● Registration of four intellectual property certificates from the Saudi Authority for Intellectual Property
- 2020 ● Working on V2X project with King Abdulaziz City since then and the technology
- 2019 ● Certificate of winning the Noura Innovate competition and getting the third place in industrial models
- 2019 ● representative of product design major
- 2019 ● Holding a perspective drawing workshop at Princess Noura University
- 2019 ● First level certificate in sign language
- 2020 ● Member of the Product Design Club - Social Media Leader

Pro skills



- Autodesk Fusion 360
- Autodesk Auto-CAD
- Adobe Illustrator
- Adobe Photoshop
- Adobe InDesign
- Rhino

# Yasmine Al-Rumaih

Polaris bus

## About

An electric powered bus to reduce environmental pollution resulting from carbon dioxide emissions, designed to suit the environment of the Kingdom of Saudi Arabia, operating with driverless autonomous driving systems, containing insulating glass and strong light emitted from the sun's rays. The bus is characterized by high safety and the ability to protect from shocks.







## Yasmine Al-Rumaih

Product Designer

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### EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

### SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

### LANGUAGES



ARABIC  
ENGLISH

## Experience and certificates



- 2021
- Bachelor in Product Design from Princess Noura bint Abdulrahman University, College of Art and Design
  - Presented a course at Princess Noura bint Abdulrahman University "The basics of Perspective"

## Pro skills



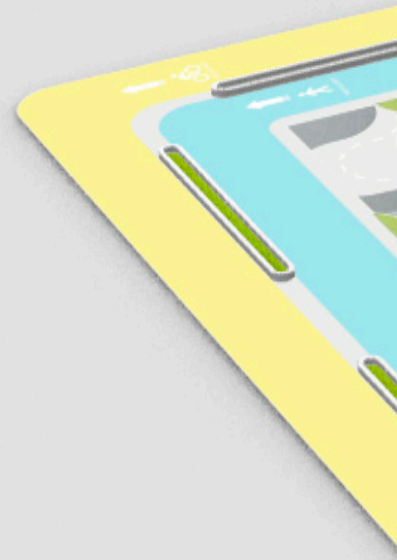
- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Rhino
- Ultimaker Cura

# Maha mohammed al.aq

Designing children's games in public parks

## About

Developing fun and modern design solutions in gardens, the element of attraction, to help children release their mental and physical health, and develop their









**maha mohammed al.aqil**

Product Designer

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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2021 ● Volunteer as a designer at the Saudi Association for Voluntary Work with 43 volunteer hours
- 2021 ● Certificate of registration of an industrial model (childrens games) from the Saudi Authority for Intellectual Property
- 2020 ● A course in Portfolio Design by the Designers Square
- 2018 ● Worked for 3 months in the Professional Programming Company for Information Technology under the title of Graphic Design.
- 2017 ● Collaborative work with Jomoli for a month as an advertising designer.

Pro skills



- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Rhino
- Ultimaker Cura

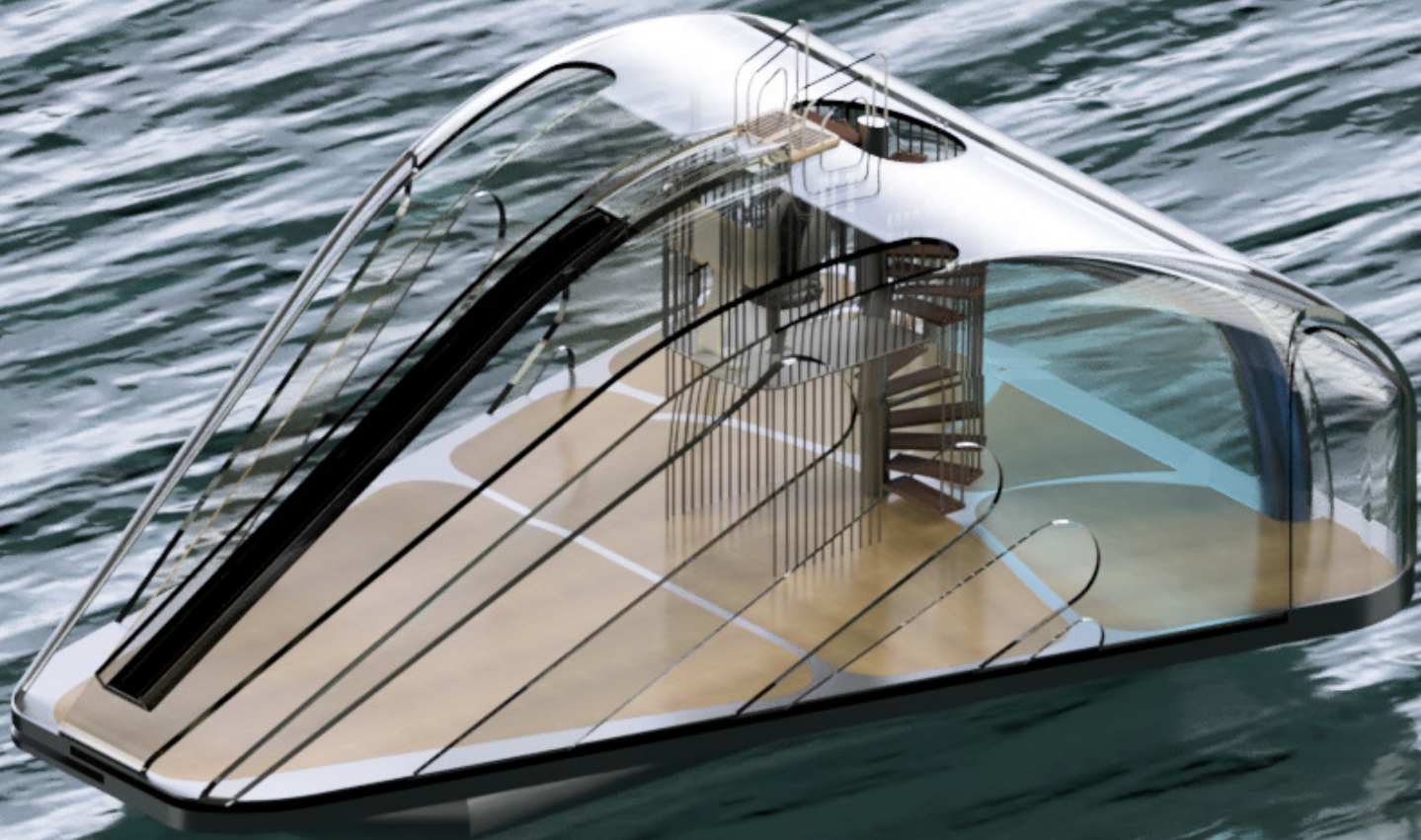
# Ibtisam Sultan Althonyan

Eye for the sea

## About

A boat that has been creatively redesigned, aims to change the concept of marine activities and reformulate it with a new concept, such as the possibility of changing function and creating other new function for the product.





**Isometric view**  
Perspective view of the boat





**Ibtisam Sultan Althonyan**

Product Designer

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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2018 ● Riyadh Jam – Service design
- 2019 ● present, PNU Ambassador
- 2020 ● Internship with KACKST 3 months
- 2020 ● Voluntary internship with KACKST 6 months
- 2020 ● Part time designer for KOUN space

Pro skills



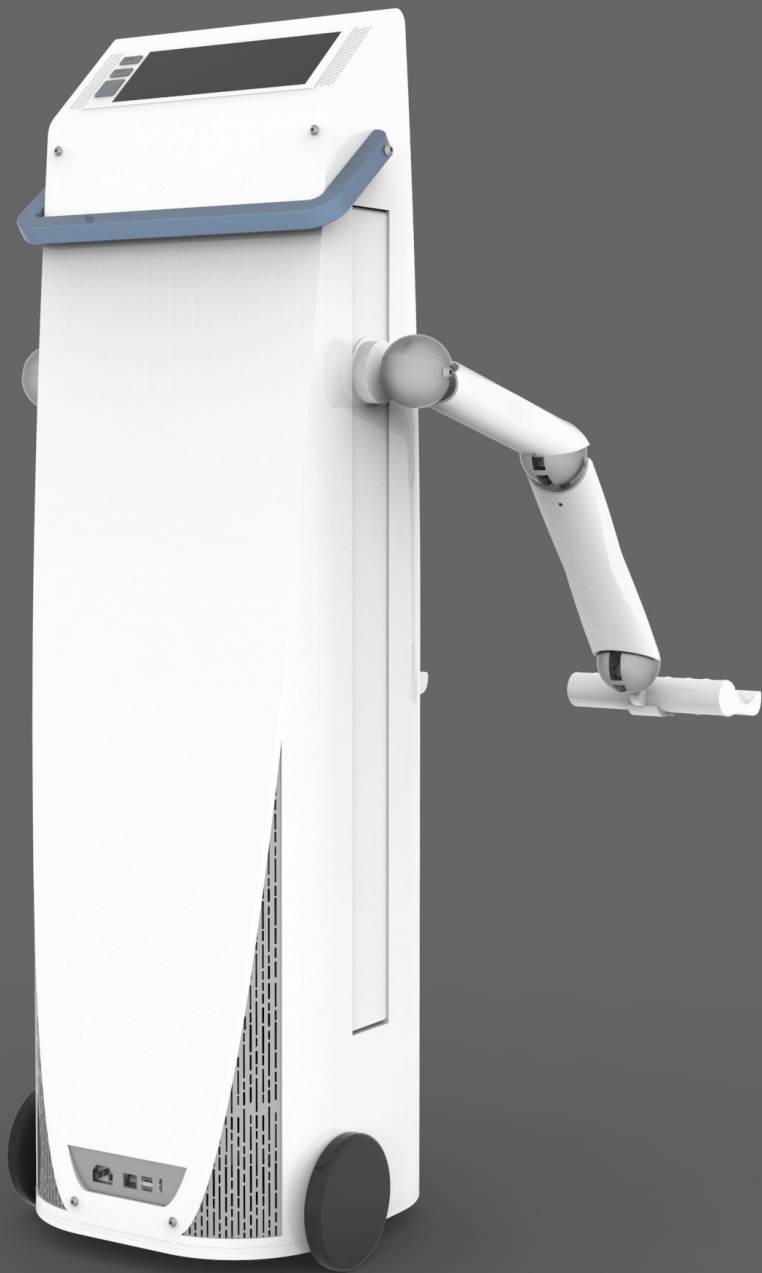
- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Autodesk Fusion 360
- Adobe XD
- Rhino

# Sundus Almohaimed

Crobot

## About

Patient mobility robot to avoid bed sores. And doing exercises to avoid muscle atrophy. More than that, to maintain a healthy breathing. It consists of two arms that work in a pivoting way that works as an alternative to the work of nurses in helping the patient to move on both sides, and it can save human energy.







**Sundus Almohameed**

Product Designer

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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2020 ● 6 Month, 2020, Volunteering, product designer at King Abdulaziz City KACS
- 2020 ● 2 Month, 2020, Field training, product designer at King Abdulaziz City KACST
- 2019 ● 1 Month, 2019, Experience, product designer at Ahmed Alsaif company

Pro skills



- Adobe Illustrator
- Autodesk Auto-CAD
- Keyshot
- Autodesk Fusion 360
- Adobe InDesign
- Rhino

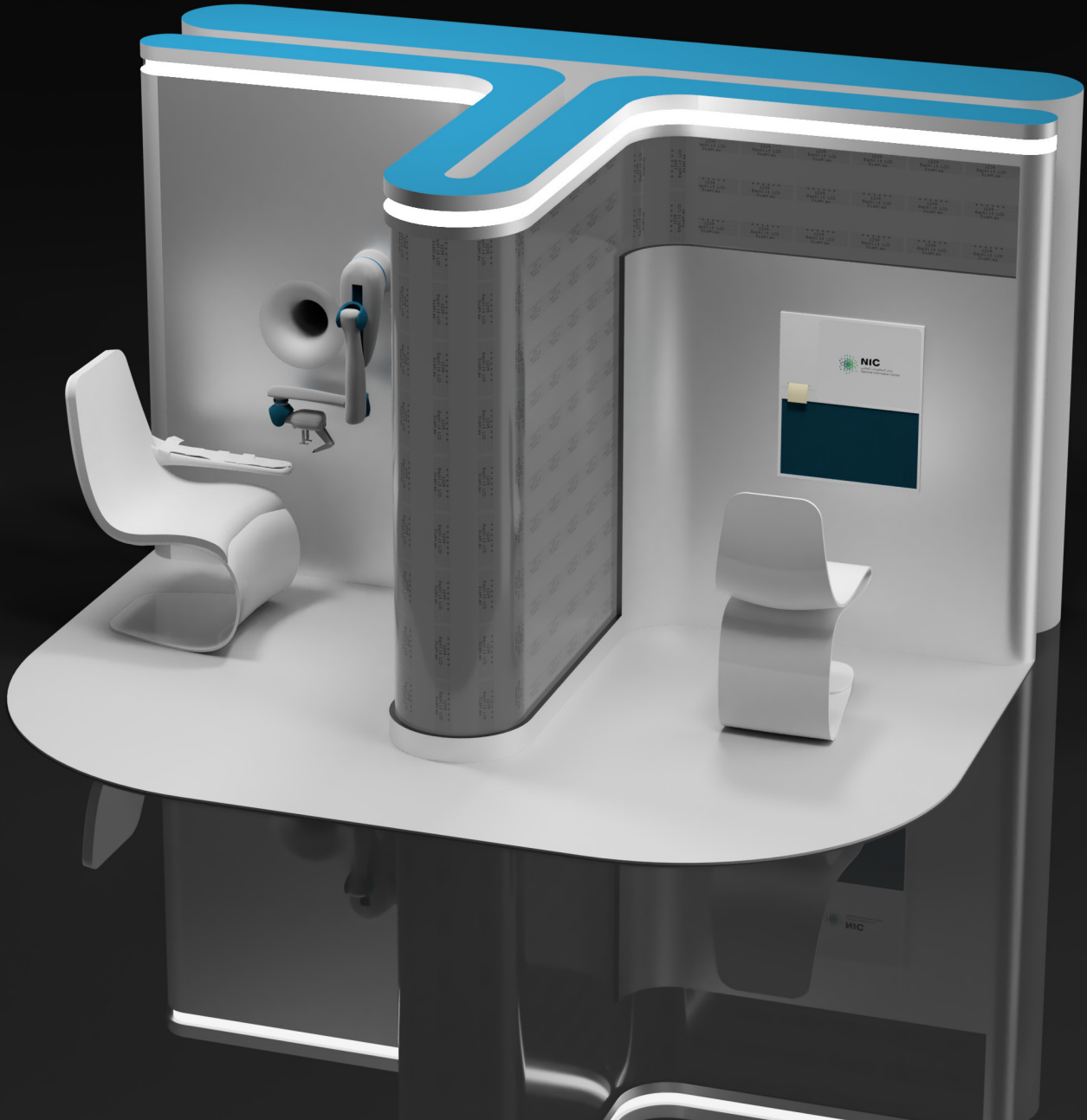
# Maha Alhamdan

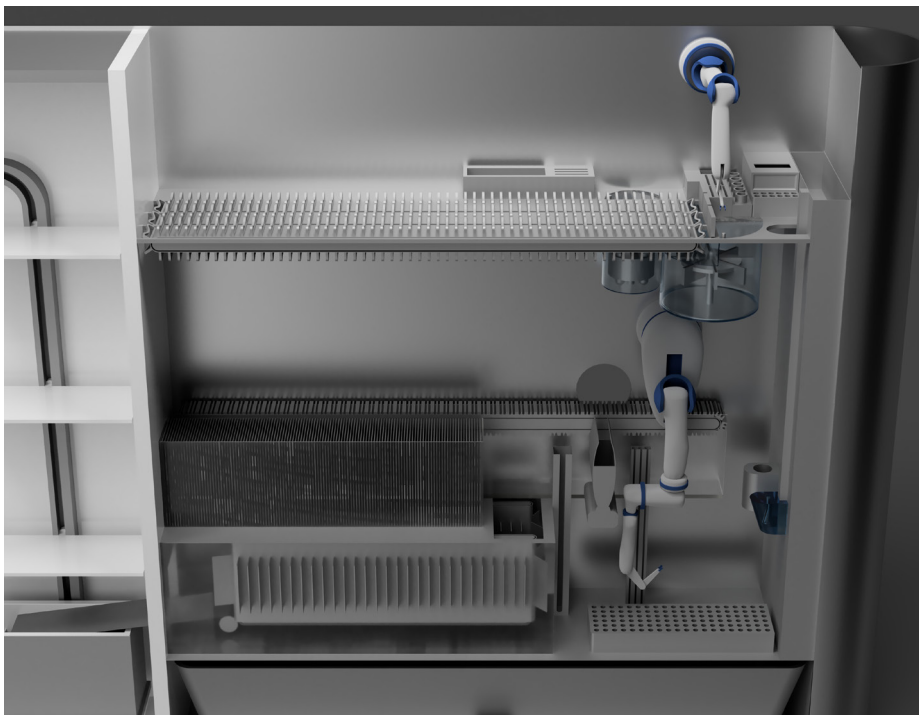
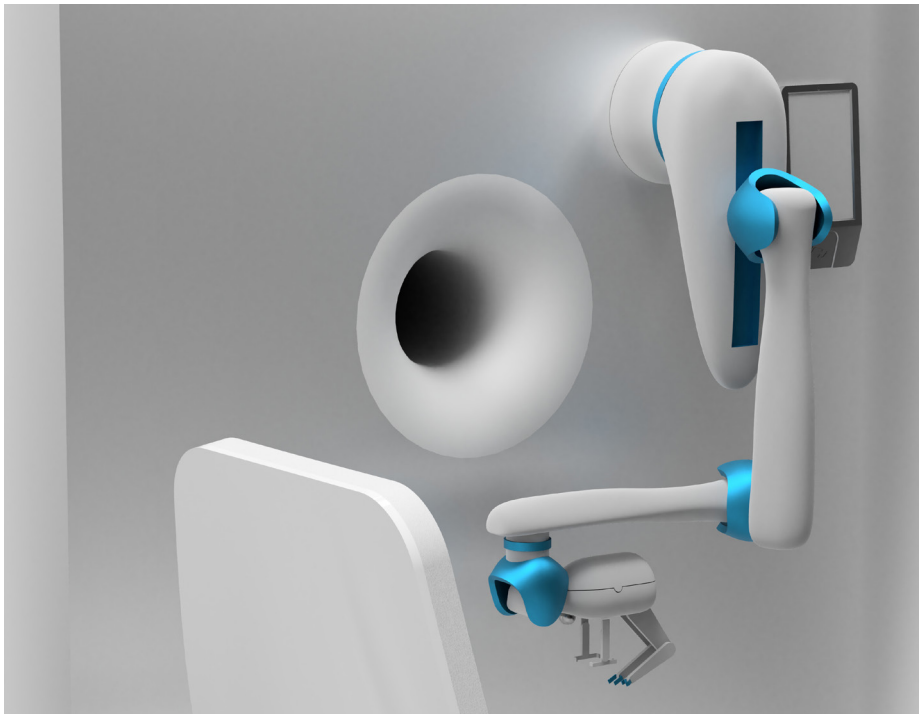
BDU -Blood Donation Unit

## About

It is a design of a comprehensive unit for blood donation, in which the eligibility of the donor is determined and then the donation process is carried out by a robotic arm.

Inside arrangements are made for blood drawn and its pathways organized through a specific regulatory mechanism, in the first track a blood bank analysis is performed and the result is issued, the second track stores blood units in a special refrigerator in preparation for transfer to the hospital. It transforms the donation process into an easy, flexible electronic process, interacting with the donor from start to finish.







## Maha Alhamdan

### Product Designer

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#### EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

#### SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

#### LANGUAGES



ARABIC  
ENGLISH

## Experience and certificates



- 2021 ● Trinee Umbrella company in monshaat.
- 2020 ● Winning first place in the virtual lab competition.
- 2020 ● Engineering design course.
- 2019 ● Trinee KACST Innovation Center for Industry 4.0.

## Pro skills



- Adobe Illustrator
- Autodesk Auto-CAD
- SolidWorks
- Autodesk Fusion 360
- Adobe Photoshop
- Adobe InDesign

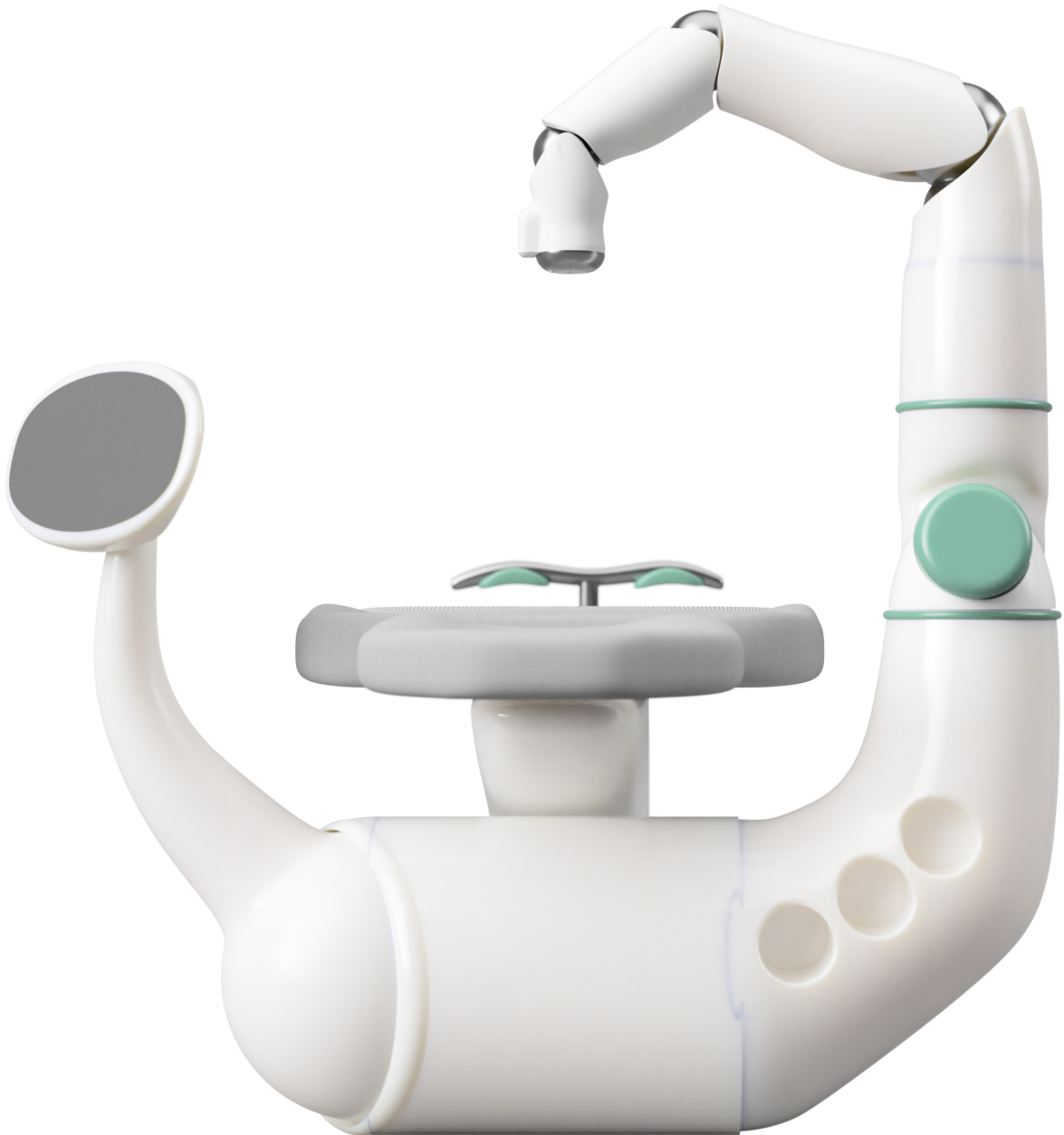
# Noura Almoghiyra

SPUR (Spine Physiotherapy unit robot)

## About

Physiotherapy bed for back problems, with a robotic arm that performs more than one function, which helps to detect pain, traction therapy can relieve pressure on the vertebrae and spinal cord, and a therapeutic device for muscles by ultrasound, and scoliosis detection to measure the progression of the patient's condition, and to measure muscle capacity for the patient, to save time and reduce human labor, and reduce medical errors resulting from the treatment process.







**Noura Almoghiyra**

Product Designer

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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH  
Korean

Experience and certificates



- 2020 ● Trainee at Thakaa center
- 2020 ● Trainee at Thakaa center
- 2019 ● Trinee KACST Innovation Center for Industry 4.0
- 2019 ● member of Nazaha Club, for one term equivalent to 50 volunteer hours
- Certificate Industrial design for a Physiotherapy bed
- Certificate completion of Korean language, level 3, with a grade of A +

Pro skills



- Adobe Illustrator
- Autodesk Auto-CAD
- Adobe Photoshop
- Rhino
- Autodesk Fusion 360

# Shada omar alrashdi

Interactive Capsule for children with autism disorder

## About

interactive capsule for children with autism disorder The product is designed to provide enjoyment and treatment for the patient, using the design for the pleasure of the user, as it combines sensory and motion help the patient develop and improve the patient's social communication skills, movement and cognitive skills, increase focus and attention patient, and enhance the development of knowledge of the patient in virtual reality In the capsule







## Shada omar alrashdi

Product Designer

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### EDUCATION



2018 - 2021

Bachelor degree Of product design  
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### SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

### LANGUAGES



ARABIC  
ENGLISH

## Experience and certificates



- 2021 ● certificate of ownership of an idea from the Saudi Authority for Intellectual Property
- 2022-2021 ● Product and Environment Design,king Abdullah University Hospital
- 2021 ● 6 Month, Volunteer work with king abdulaziz city for science and technology
- 2020 ● 2 Month, Internship at king abdulaziz city for science and technology
- 2019-2018 ● Advertisement designer in Jana gharh Corporation

## Pro skills



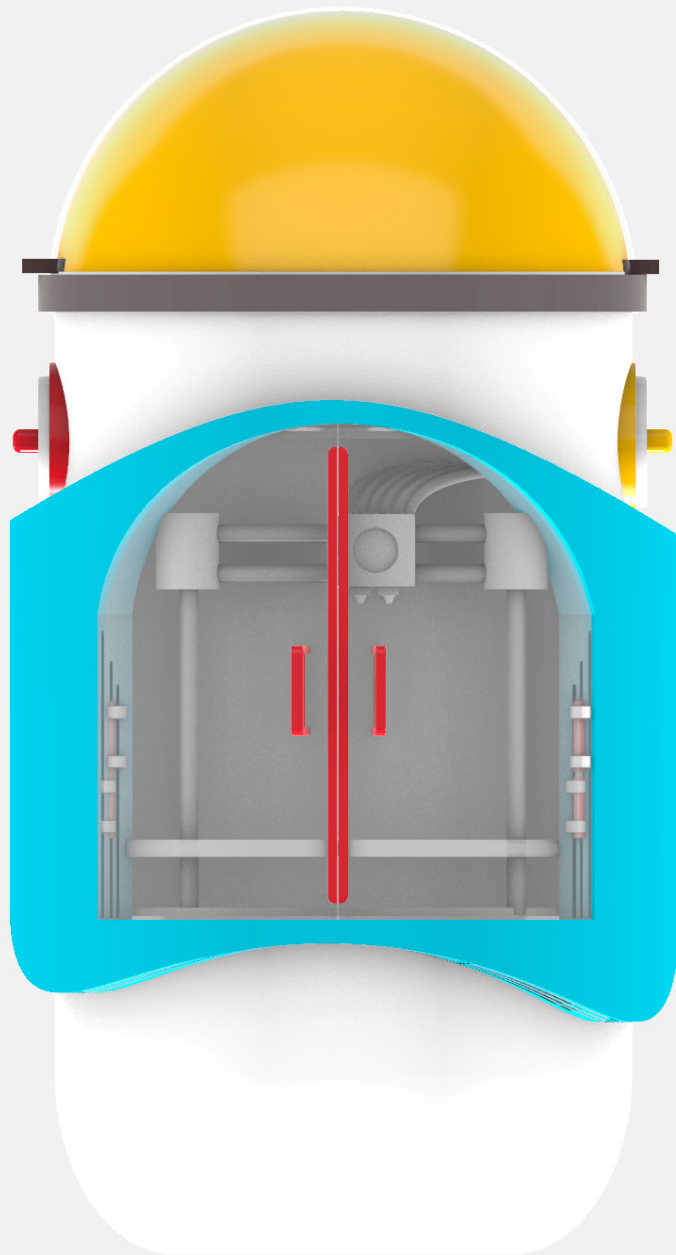
- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Autodesk Fusion 360
- Adobe InDesign
- Rhino

# Shatha Saad Aldhuayan

Pico bo

## About

A machine that can Recycle the Plastic and carton to produce toys for children. It can design the toys or choose any design from the ready-made templates. It has only one way to make the cartoon toys, and two ways to do plastic toys.







**Shatha Saad Aldhuayan**  
Product Designer

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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



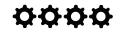
ARABIC  
ENGLISH

Experience and certificates



- 2021 ● Archimedes certificate
- 2020 ● SAIP, Industrial design certificate

Pro skills



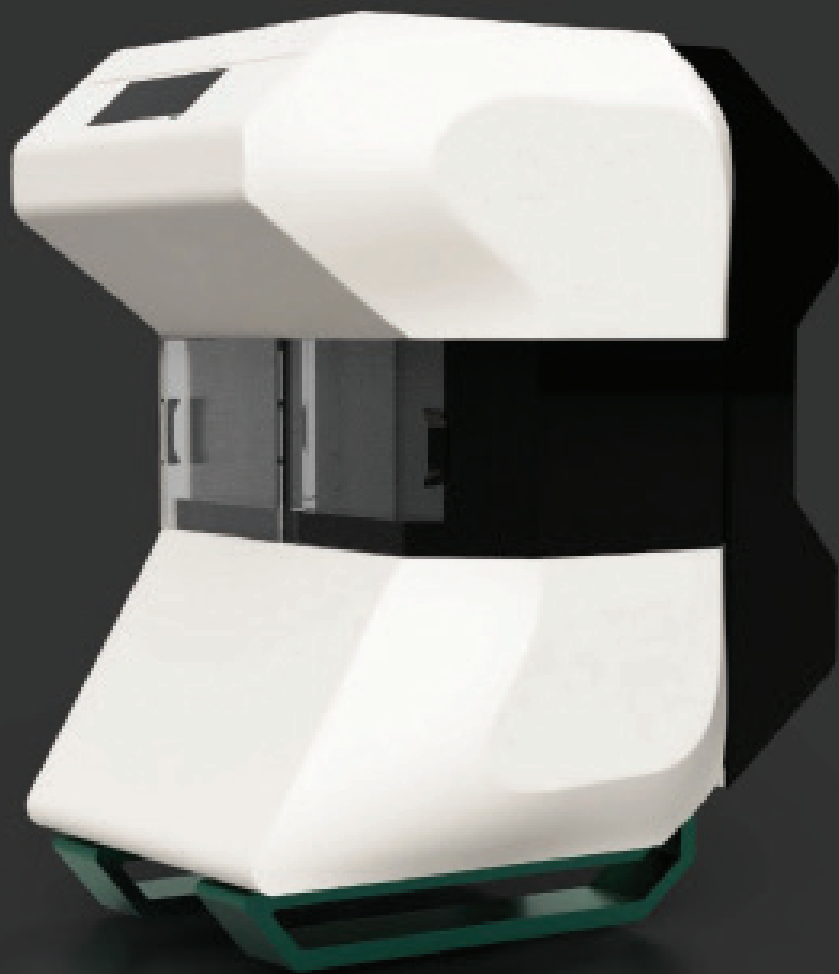
- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Tinker CAD
- Adobe InDesign
- Rhino

# Shumokh Yaser ALhuthail

Dates pack maker

## About

The product supports environmental sustainability by taking advantage of palm fronds and turning them into dates packaging packaging, instead of burning them, polluting the environment and negatively affecting agricultural crops, and also can extract chopped fronds for use as animal feed, the product is designed for its occasion for the external environment where it is used on farms dependent on solar energy.





**Isometric view**

The entrance where the fronds are placed.



## Shumokh Yaser ALhuthail

Product Designer

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### EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

### SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

### LANGUAGES



ARABIC  
ENGLISH

## Experience and certificates



2021 ● SAIP, Industrial design certificate

2020 ● KACST – Training

## Pro skills



● Adobe Photoshop

● Autodesk Auto-CAD

● Adobe Illustrator

● Rhino

● Autodesk Fusion 360

● Office

# Maha Ahmed Al-Zahrani

Orange squeezing machine and peels recycling

## About

An electric powered machine to peel and squeeze oranges and Extract antibiotics from the outer peel and Transform it to powder





## Maha Ahmed Al-Zahrani

Product Designer

### CONTACT ME



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### EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

### SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

### LANGUAGES



ARABIC  
ENGLISH

## Experience and certificates



- 2021 ● Gift Wrapping and Flower Arrangement
- 2020 ● Sales and Business Development
- 2019 ● Marketing and Identity Building/ Barista
- 2019 ● Fundamentals of E-Marketing

## Pro skills



- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Rhino
- Autodesk Fusion 360
- Office

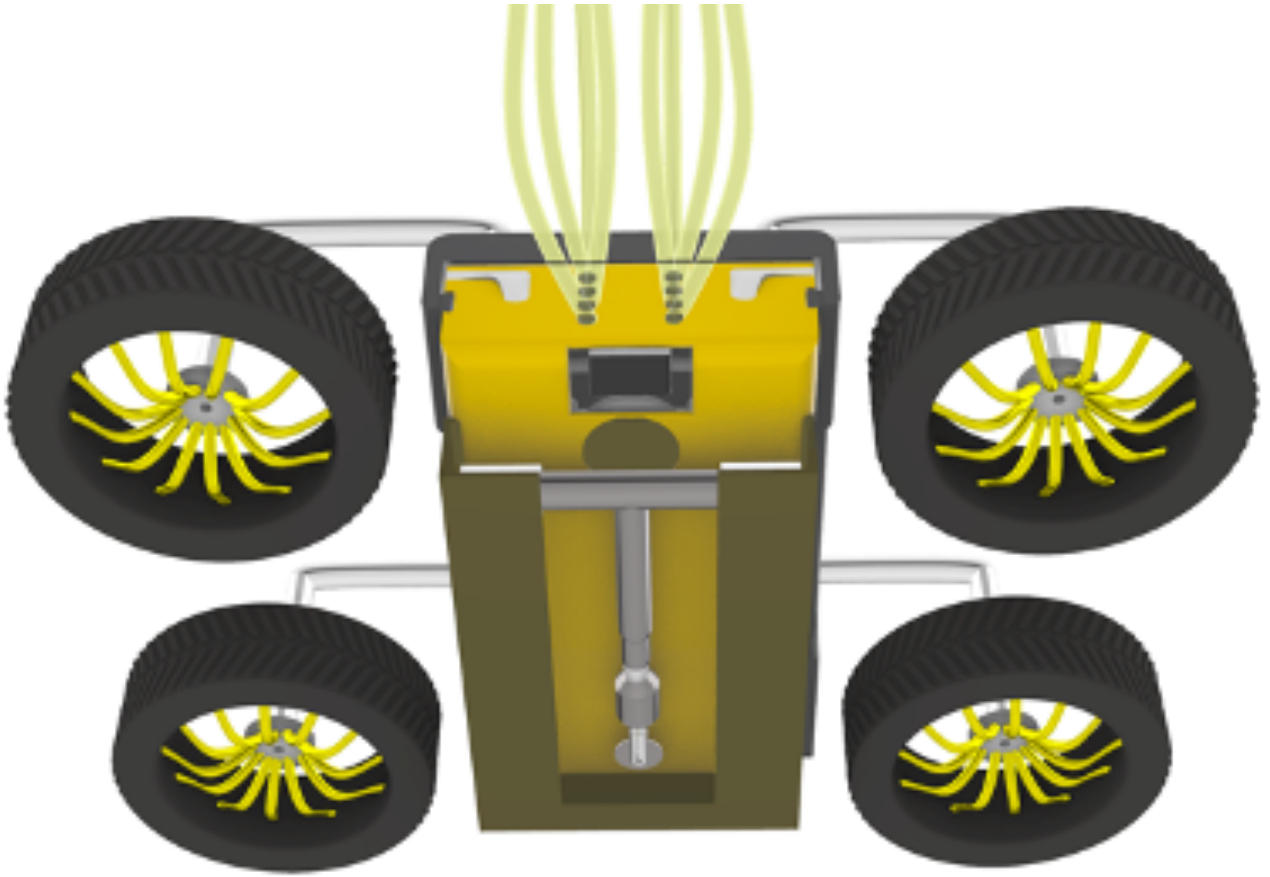
# Nada Majid Al-Bitar

## About

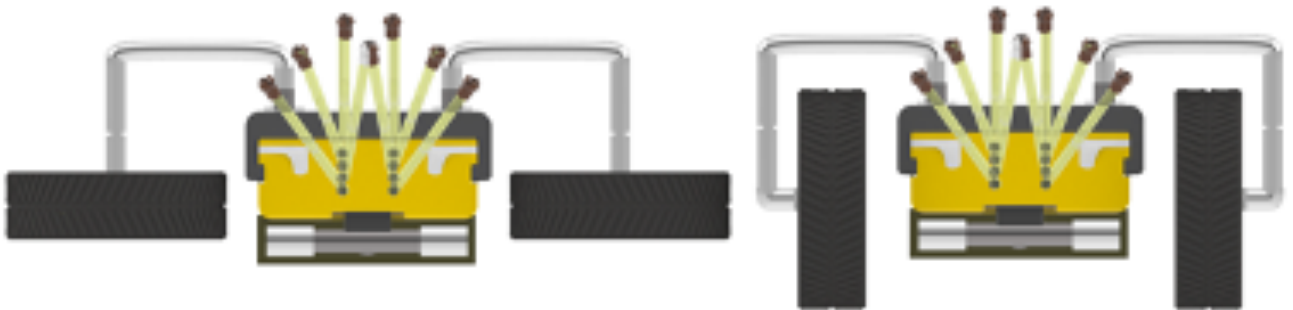
Dates picking operation needs a professional hand to operate the mission without the need of a human hand.

Thus the idea was created,

as the robot will be designed to complete the full operation of picking the dates from a palm trees.



Different function for each position of the product, whether it's fly position or normal tractor working



Thrusters of the robot take into account the dead load and life load while working

Dead load = 800 Kg

Master material : Titanium+ Aluminum





**Nada Majid Al-Bitar**  
Product Designer

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#### EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

#### SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

#### LANGUAGES



ARABIC  
ENGLISH

## Experience and certificates



- 1442 Architectural design and engineering
- 1442 Revit- Autodesk
- 1442 3Ds Max & Lumion 3d design
- 1441 Bawabat Alofoq Training total 110 hours
- 1441 Technical and Vocational training corporation
- 1441 Technical and Vocational training corporation  
TOT

## Pro skills



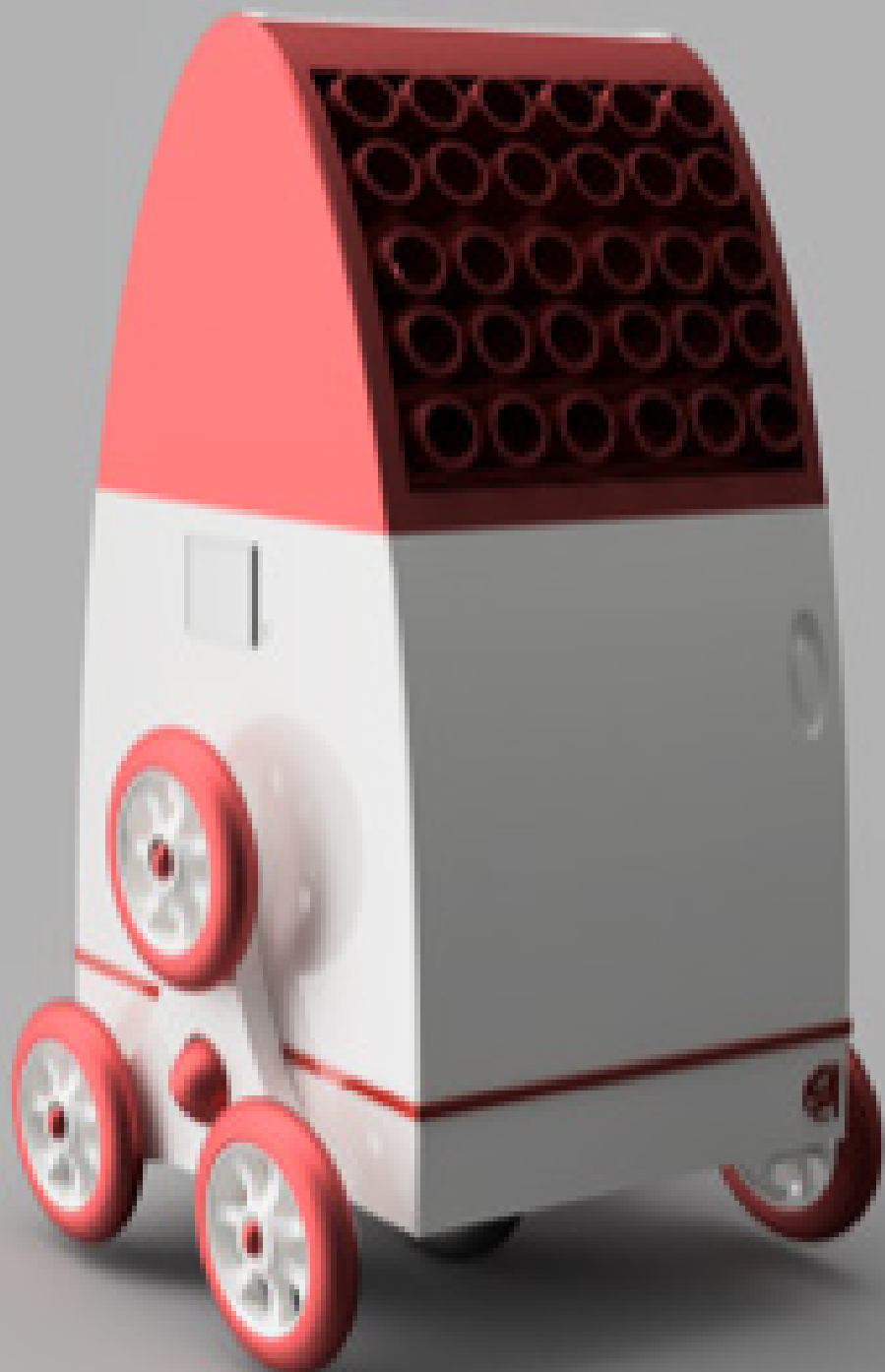
- Revit Autodesk
- Lumion
- 3ds Max
- AutoCAD
- Rhinoceros
- Freehand Sketching

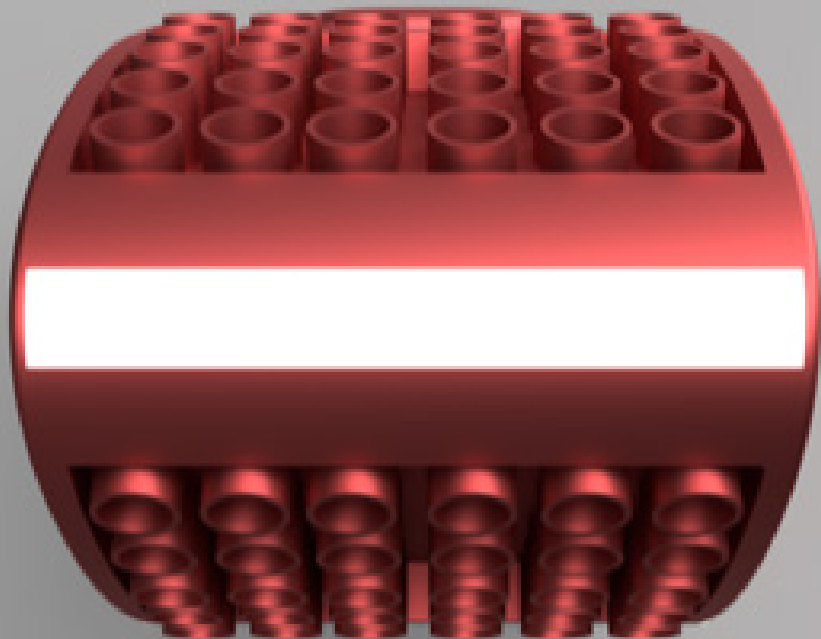
# Latifa Fahd Al-Muharj

Indoor fire fighting robot

## About

A robot that extinguishes fires inside homes, equipped with high sensors associated with smoke detectors in homes. It is also equipped with outlets for spraying fire extinguishing material, these ports are characterized by its ability to move up to 360 degrees and also these ports are characterized by beveled corners so that the materials can reach the farthest point and higher, and it contains two materials to extinguish fires, which is foam and liquid material. This robot is characterized by the presence of a radar to measure the temperature of objects and the number of people inside the place, then it sends an alert to the civil defense men, and it contains an outlet that contains a heat-insulating blanket that covers the people present in the place to avoid the heat. The three-wheeled robot covers are able to climb stairs and move easily.





## Latifa Fahd Al-Muharj

Product Designer

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### EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

### SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

### LANGUAGES



ARABIC  
ENGLISH

## Experience and certificates



- 1442 Certificate of Training of Trainers
- 1442 Media design principles
- 1442 Adobe workshop
- 1441 A course in Marketing
- 1441 The negotiation course
- 1441 A cycle of creativity and innovation

## Pro skills



- Illustrator
- AutoCAD
- photoshop
- microsoft
- Rhinoceros

# Lama Salem ALkatheri

Olive Machine

## About

A machine to produce three products from natural olives

The first product is natural olive oil, first squeeze

The second product is natural olive paste without any preservatives

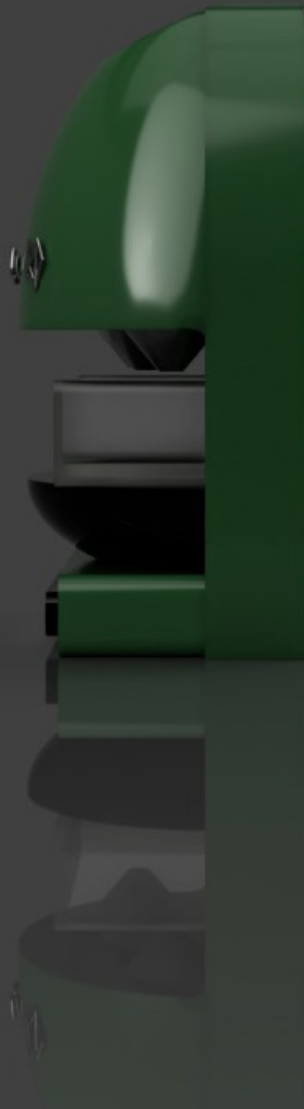
The third product is natural charcoal from olive seeds

For home use and a suitable size for kitchen



no 29g 0.95  
110

no 29g 0.95  
110







**Lama Salem Alkatheri**

Product Designer

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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2021 ● SAIP, industrial design certificate
- 2021 - 2020 ● Theta hub – lab manger experience
- 2020 ● qormuz – training
- 2019 ● theta hub –training

Pro skills



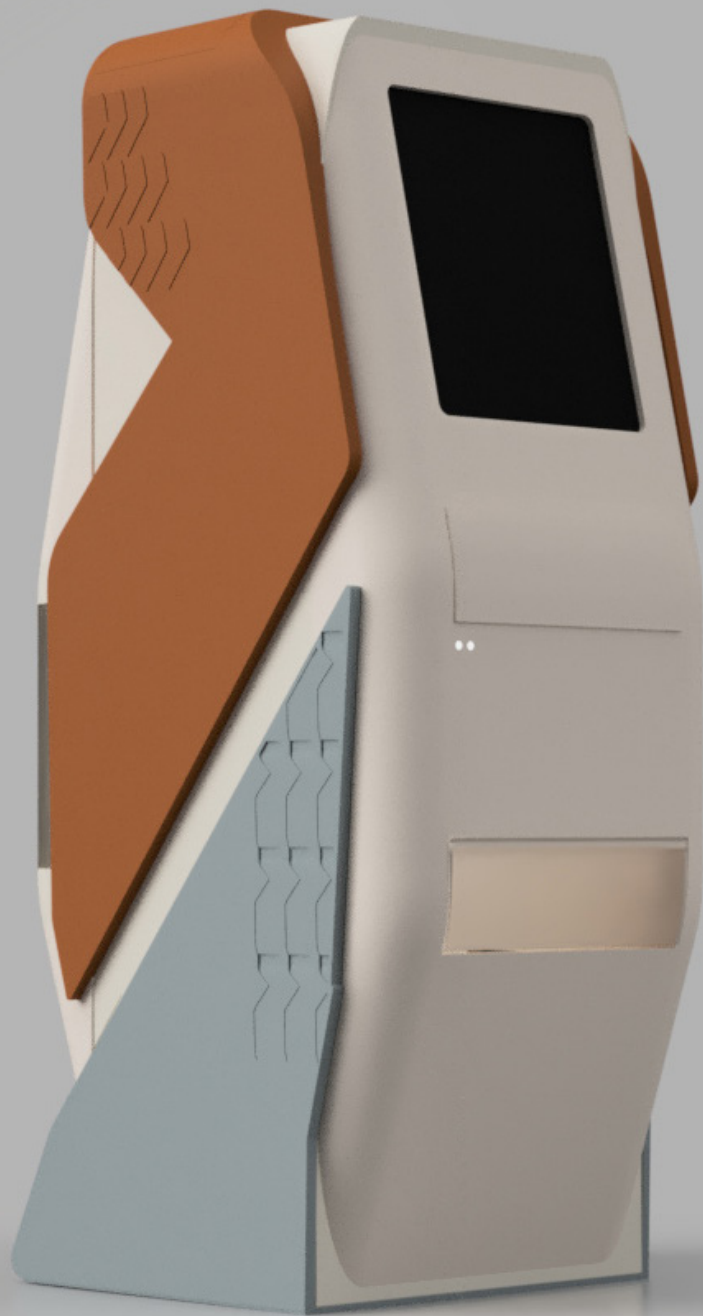
- Illustrator
- AutoCAD
- photoshop
- Fusion 360
- Rhinoceros

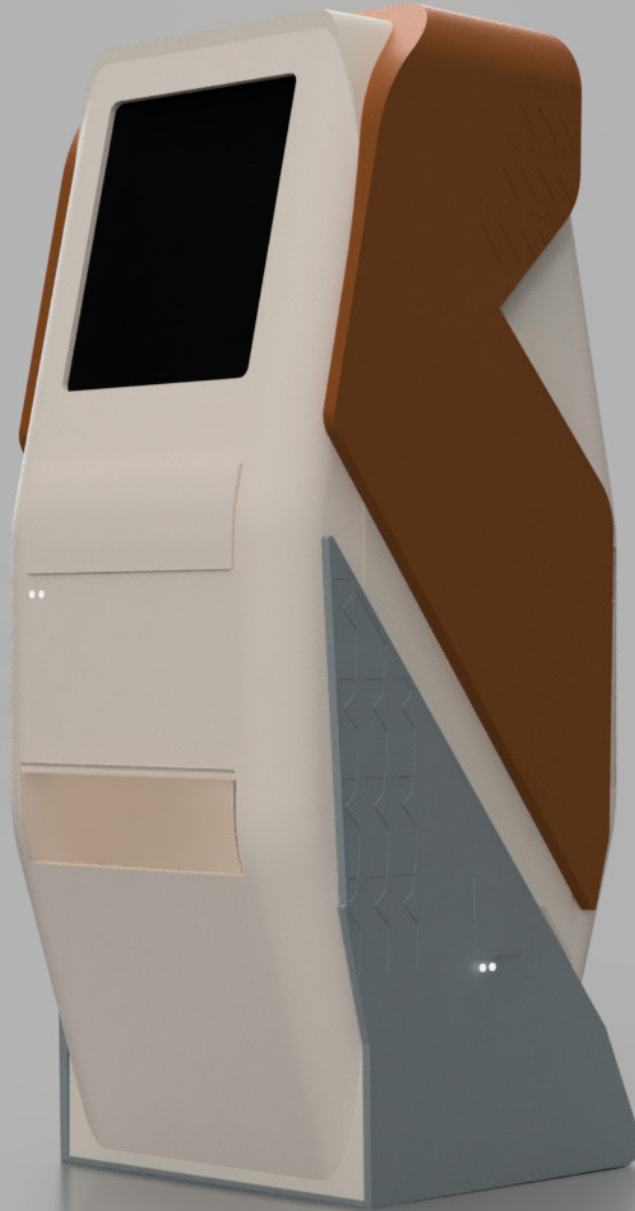
# Halah Aalqeel

Kanakh

## About

A coffee shop machine that makes recyclable products from coffee grounds





**Isometric view**

A smart screen to interact with users to recycle the cup into sustainable products



**Halah Aalqeel**  
Product Designer

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EDUCATION



2018 - 2021

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Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2020 ● 9 Monuths internship at King abdulaziz city for Science and technology (kasct)
- 2020 ● 3D Creativity Drawing 4 - hours course ,PNU
- 2019 ● Internet of Eeverything 6 hours course ,PNU
- 2019 ● Pmp course 10 hours course ,PNU
- 2019 ● Arduino design course 4 hours course ,PNU
- 2019 ● Voluntary ehtwaa foundation 9Y hours

Pro skills



- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Autodesk Fusion 360
- Adobe InDesign
- Rhino

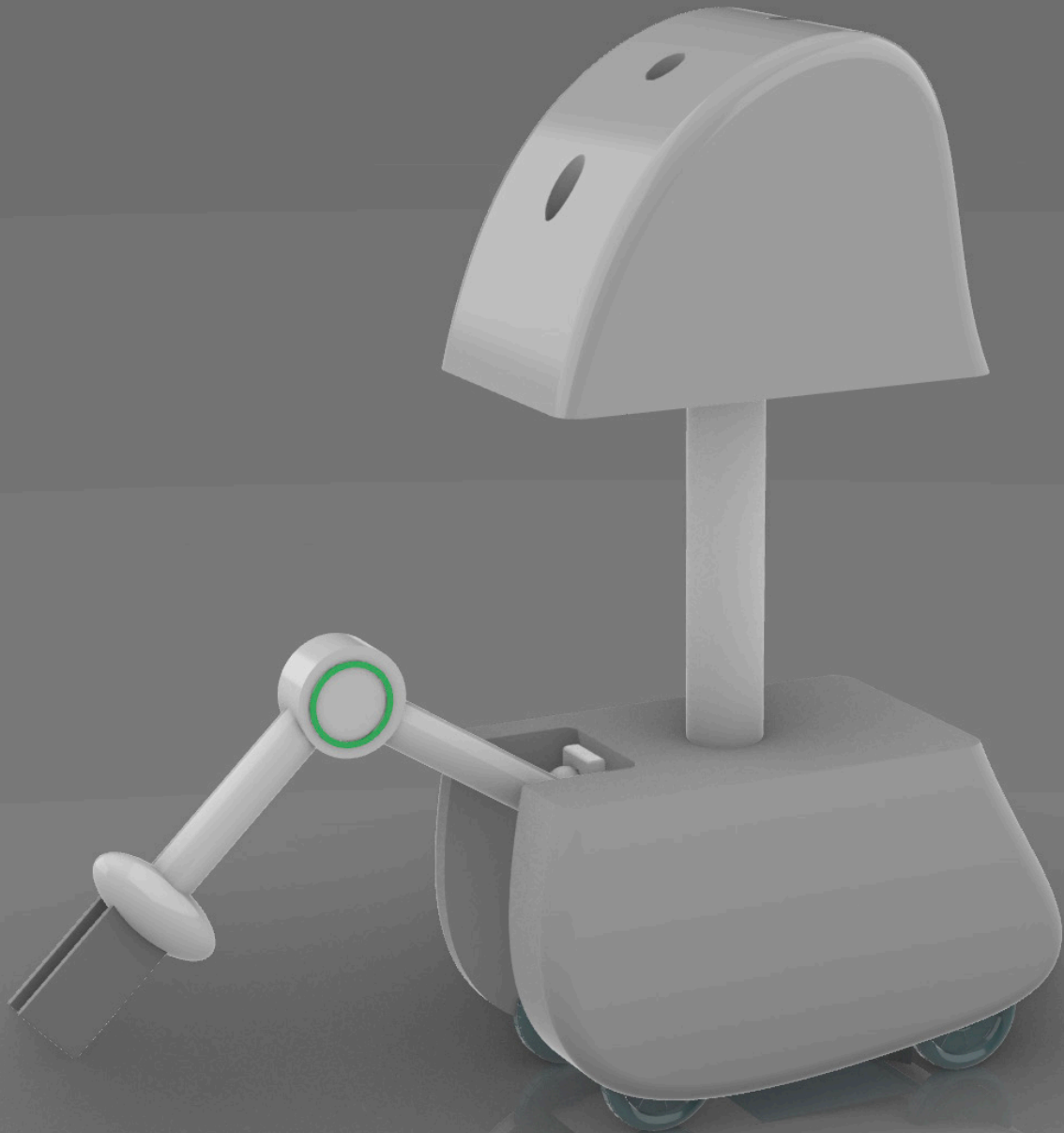
# Mariam Mubark Alwdman

Food waste recycling device Hajj during season

## About

A device to solve the problem of the accumulation of food leftovers offered for Hajj, a smart device to recycle food waste with a robot with an arm to pick up and drain foods from the floor where the robot stores them to the point of filling and then transports them to the primary device for compression, fumigation and conversion to home-made compost, with the potential for the height of the robot and the presence of a sanitizer.









**Mariam Alwdman**  
Product Designer

CONTACT ME



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@in:miim\_\_design

EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2020 ● Adobe Certified Training Course
- 2020 ● Training course in sales and business development
- 2020 ● Training course in marketing and identity building
- 2020 ● Unique scheme for brand creation and marketing

Pro skills



- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Ultimaker Cura
- Microsoft Office
- Rhino

# Norah Abdullah Al-Ajmi

A device for recycling plastic waste in Hajj (Green)

## About

A suitable device for pilgrims from all nationalities to use, contributes to solving the waste problem Plastic and activating the role of the pilgrim in contributing to preserving the cleanliness of the environment, and achieving Environmental and economic benefits for the government of the Kingdom of Saudi Arabia through waste diversion Plastic from being a waste to a source of wealth





Automated user sterilization

## Norah Abdullah Al-Ajmi

Product Designer

CONTACT ME



nourahabdullahaj@gmail.com



+966 53 667 6604

### EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

### SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

### LANGUAGES



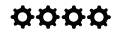
ARABIC  
ENGLISH

## Experience and certificates



- 1442 ● Design thinking
- 1441 ● Entrepreneurial mindset
- 1441 ● entrepreneurial leadership
- 1440 ● Nature engineering in design

## Pro skills



- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Autodesk Fusion 360
- Rhino

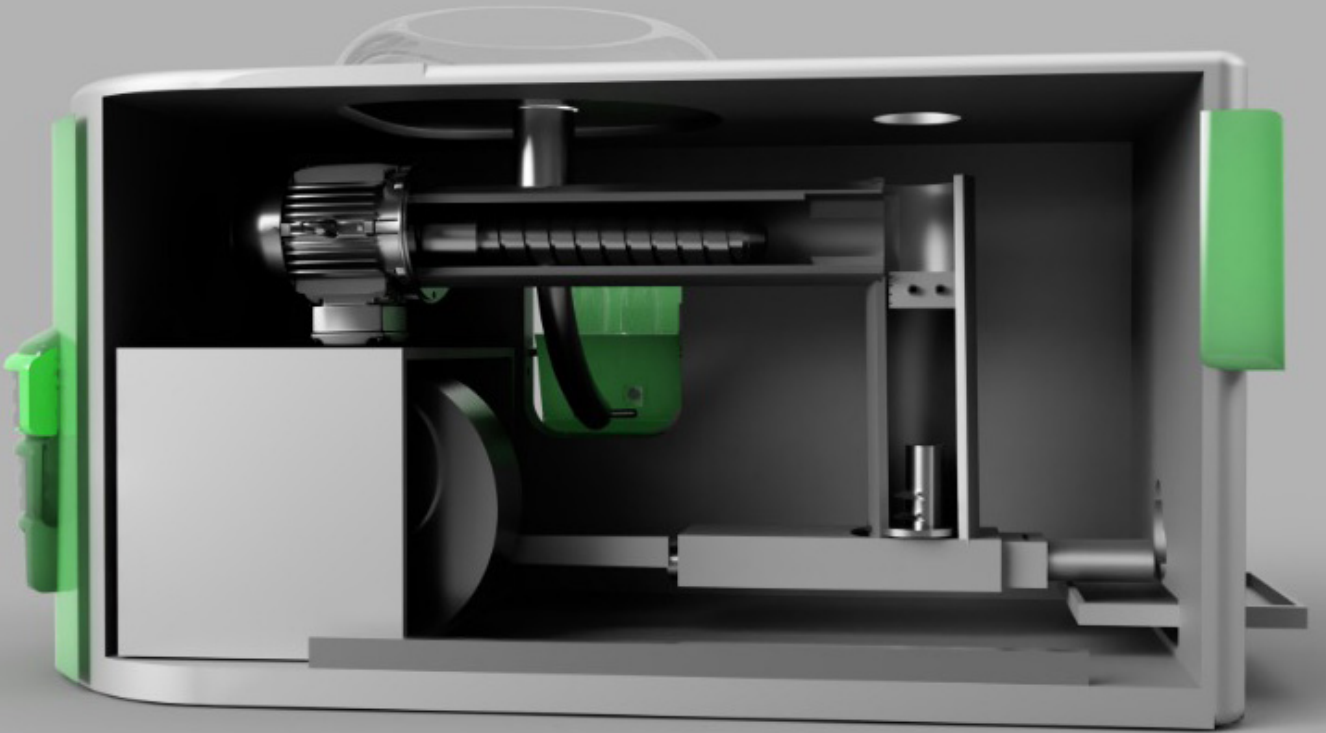
# Asma Arar Shuaifan Al-Dossary

Extracting oil from acid peels and converting the remainder into charcoal

## About

Reuse of acid peels and banana peels to extract oils and convert waste products to produce natural charcoal that does not harm nature. The product is intended for restaurants and juice shops due to the accumulation of peel.







## Asma Al-Dossary

### Product Designer

CONTACT ME



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@asmaa.aldosari

### EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

### SKILLS



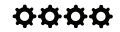
3D modeling & Rendering  
Planning & organizing  
Teamwork

### LANGUAGES



ARABIC  
ENGLISH

## Experience and certificates



2020 ● She holds a voluntary certificate (organization, photography and design)

2020 ● She holds a field training certificate from Sharat a company

## Pro skills



● Adobe Photoshop

● Autodesk Auto-CAD

● Adobe Illustrator

● Autodesk Fusion 360

● Adobe InDesign

● Rhino

# Rola Khalid Almuqbl

A.R.C (Advanced Robotic Cleaner)

## About

A cleaning robot designed for cleaning the floors of the Great Mosque of Mecca increases the effectiveness of the cleaning process as it uses three methods of cleaning in addition to sterilization with an eco-friendly technology and increases the rate of water rationing, plus a charging station





**Isometric view**  
charging station



**Rola Khalid Almuqbl**

Product Designer

CONTACT ME



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@Rola.AlMuqbel

EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



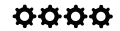
3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2020 ● Adobe day workshop Adobe Creative Cloud
- 2020 ● Product Designer Qormuz | Jun-Jul
- 2020 ● BIBAN
- 2020 ● Product Designer Ftat Al-Ahsa Charity | Aug-Oct
- 2019 ● Marketing and identity building
- 2019 ● Sales and business development

Pro skills



- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Autodesk Fusion 360
- Adobe InDesign
- Rhino

# Ghaida Mohammed Albeyahi

Date Sugar Maker

## About

A machine designed to produce date powder and date syrup from the home kitchen to make sugar, with the goal of minimizing white sugar in cooking and helping diabetics





50°  
^  
v



Powder Date

Syrup Date





**Ghaida Albeyahi**

Product Designer

CONTACT ME



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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2020 ● feb Ideas Development
- 2020 ● may to July Training and work for theta lab
- 2020 ● may Design Thinking
- 2020 ● July Misk future path program

Pro skills



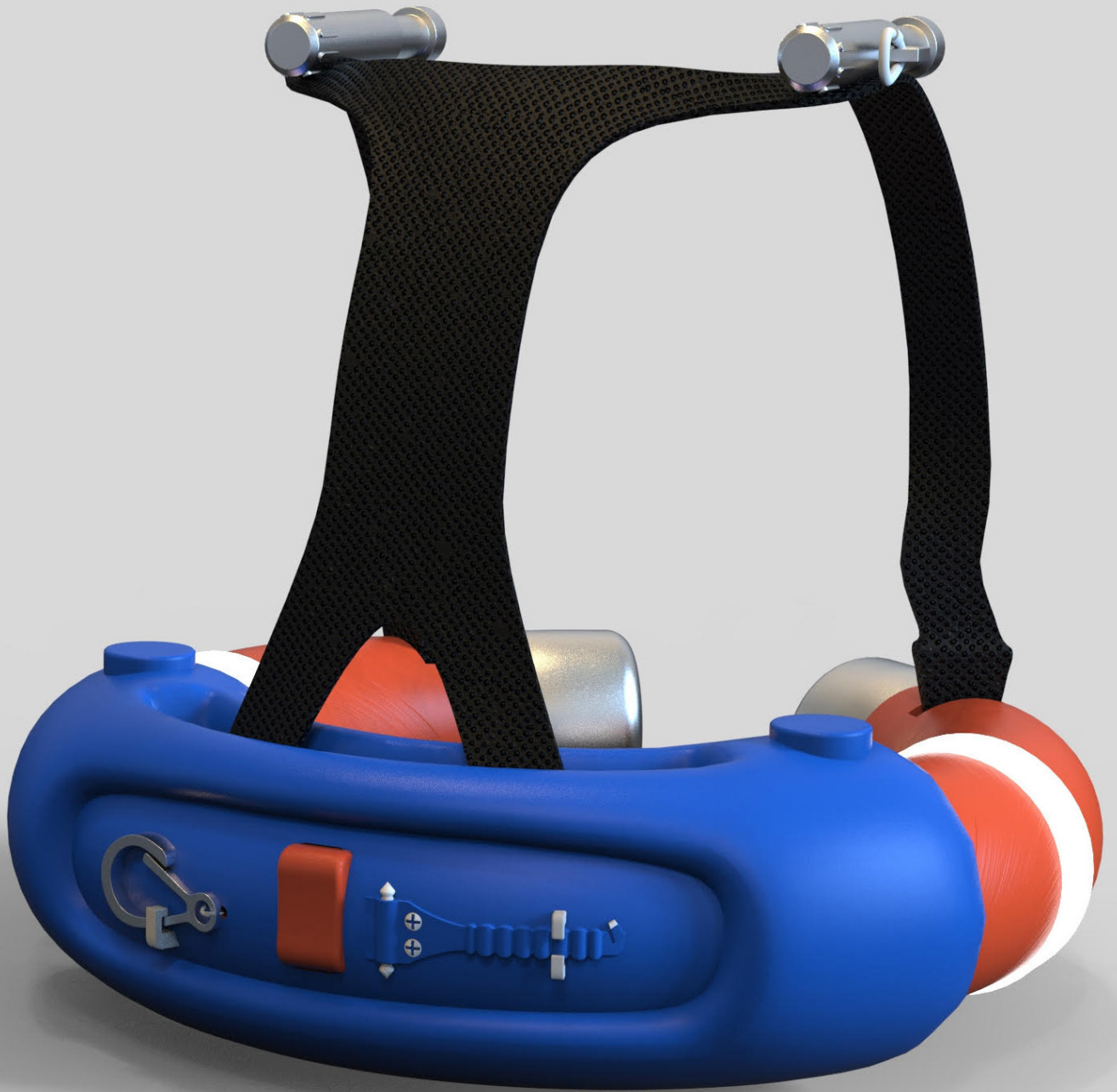
- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Autodesk Fusion 360
- Adobe InDesign
- Rhino

# Lamia Abdel Rahman Al-Shabanat

Hydro rescue: H2C

## About

The H2C Hydro rescue project is a water rescue. This product is characterized by its presence in cars and the ability to help and rescue, God willing, before the arrival of the civil defense, this product can rescue a person or help to save another person, and the battery of this product lasts for a period and in the event the battery runs out it collects energy from Water movement to provide it with energy.







**Lamia Al-Shabanat**

Product Designer

CONTACT ME



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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



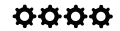
3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- Artificial Intelligence Course
- Digital Marketing Course
- Training of trainers course accredited, by the General Organization for Professional Training and Development

Pro skills



- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Autodesk Fusion 360
- Adobe InDesign
- Rhino

# Nejood Fahad Alghtani

ECOcycle (Ecological, Culture, Oriented bicycle)

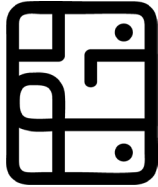
## About

A hybrid bicycle that fits with the Kingdom of Saudi Arabia's culture and environment, supports the Kingdom's vision in the field of health and the environment, promotes the culture of cycling for females, and supports multiple groups of society, such as the deaf people









**Nejood Fahad Alghtani**

Product Designer

CONTACT ME



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@nejoodq

EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2020 ● Arabic Braille course, level 1, summer semester, The Multilingual Club, PNU
- 2020 ● The authorized Adobe training course, PNU
- 2020 ● Marketing and identity constructs, BIBAN
- 2020 ● The journey of innovation, BIBAN
- 2020 ● Chinese Language course, level 1, The Multilingual Club, PNU
- 2019 ● Voluntary ehtwaa foundation 9Y hours

Pro skills



- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Autodesk Fusion 360
- KeyShot
- Rhino

# Alanoud Bin Bosayes

Cyclone,

## About

**What:** exterior and interior design of an off-road electric rally car

**Why:** to shield car parts, save drivers' time and most importantly protect drivers' lives with a goal of reaching finish lines and winning

**How:** by designing a set of systems and tools as follows:

Quick wheel switch system, tool drawer, ventilated exterior body, steering wheel protector, navigation board, interactive screen, central firefighting system







**Alanoud Bin Bosayes**

Product Designer

CONTACT ME



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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2020-2021 ● 9 months Internship at King Abdulaziz city for science and technology (kasct)
- 2020 ● Preparing and supervising ,Tanween, Ithra.
- 2021 ● Product and Environment Design, King Abdullah University Hospital ,KAAUH

Pro skills



- Autodesk Fusion 360
- Autodesk Auto-CAD
- Adobe Illustrator
- Adobe Photoshop
- Autodesk Sketchbook
- Rhino

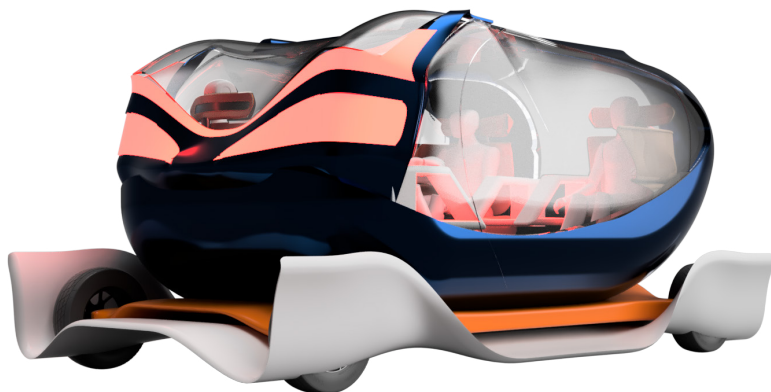
# Amal Amer

ExPod

## About

Autonomous electric pod to provide comfy and entertaining experience for every passenger.









**Amal Amer**

Product Designer

CONTACT ME



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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3D modeling & Rendering  
Planning & organizing  
Teamwork

LANGUAGES



ARABIC  
ENGLISH  
Braille

Experience and certificates



- 2020-2021 ● 9 months Internship at King Abdulaziz city for science and technology (kasct)
- 2019 ● Internet of Everything course
- 2020 ● Innovation Through Design Thinking
- 2020 ● Innovation Journey
- 2021 ● Marketing and Brand Identity

Pro skills



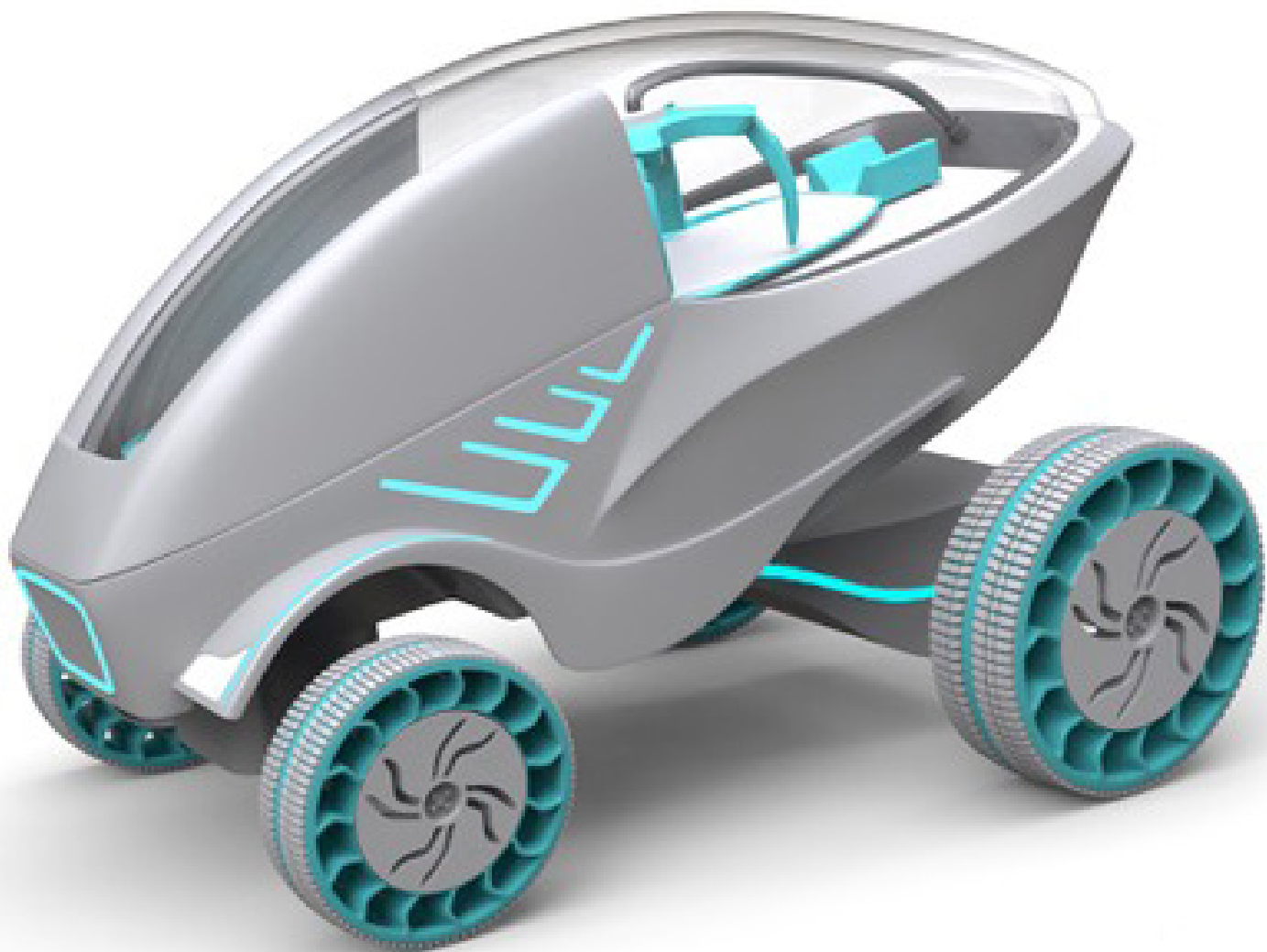
- Autodesk Fusion 360
- Autodesk Auto-CAD
- Adobe Illustrator
- Adobe Photoshop
- Adobe Premier pro
- Rhino

# Lolwah Ali AlOmair

## Rescue Robot From Natural Disaster

### About

Every year the world faces many natural disasters that cause multiple humanitarian disasters that lead to massive losses of property and human lives, and earthquakes are considered as the most dangerous of all . Based on that, the rescue robot was designed to save injured people autonomously without human intervention, which is also supported by a protection system that provides a safe shelter during and after earthquakes.







**Lolwah Ali AlOmaid**

Product Designer

CONTACT ME



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@Lolwahalomair

EDUCATION



2016 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



Creative thinking  
Time management  
Fast learner  
Communication skills

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2018 ● Volunteering at the Simulation and Skills Development Center, King Abdullah bin Abdulaziz University Hospital.
- 2018 - 2019 ● National Minds Co. (SHATLAH PROJECT).
- 2020 ● Adobe creative cloud 2020 workshop.
- 2020 ● COOP training at Theta Co.
- 2020 ● Innovation journey to stay for a lifetime course at Monsha'at.
- 2020 ● Volunteering at Ministry of Environment Water and Agriculture.
- 2021 ● Development of creative and innovative imagination training course (HRDF and King Abdulaziz University).
- 2021 ● Volunteering at king Abdulaziz city for science and technology.

Pro skills



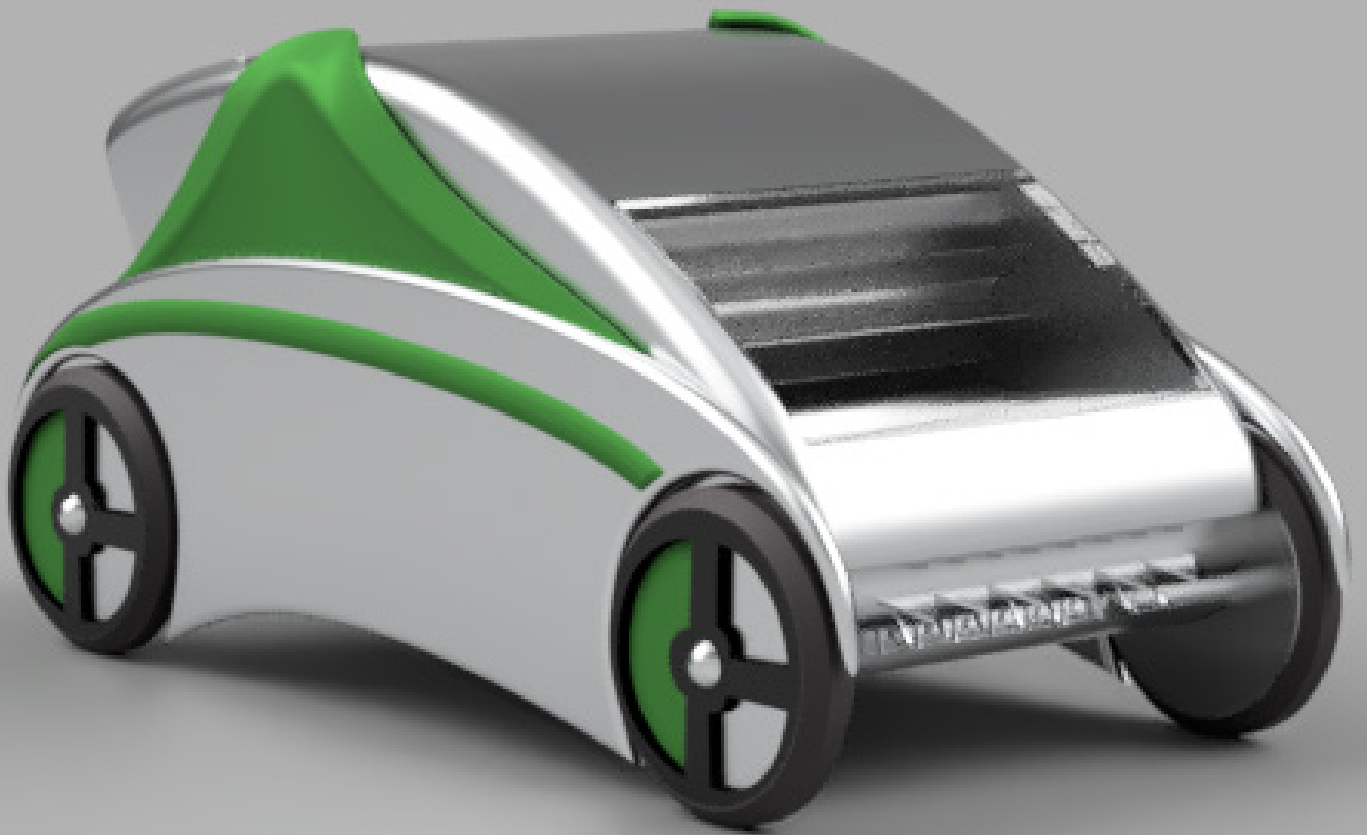
- Adobe Photoshop
- Rhinoceros
- Adobe Illustrator
- 3D Printer
- Adobe InDesign
- AutoCAD

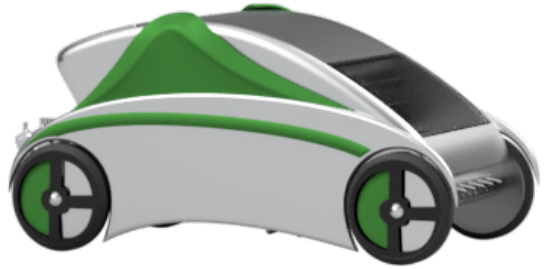
# Luluah Alfunaysan

Hasawi rice-growing robot

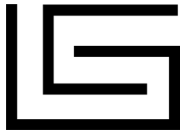
## About

A self-driving agricultural vehicle specially designed for the cultivation of Hasawi rice, characterized by its performance in the stages of rice cultivation, which consist of: plowing the land, sowing seeds, mowing, harvesting and then replanting and finally harvesting and obtaining the Hasawi rice grains









**Luluah Saleh Alfunaysan**

Product Designer

CONTACT ME



LuluAlfunaysan@gmail.com



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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



work under pressure  
Time Managment  
3d moding & rendering

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2018 ● 3D Printing
- 2018 ● Adobe training course
- 2019 ● Photography training course
- 2019 ● marketing training course
- 2019 ● Volunteer in different university events
- 2019 ● First aid training course
- 2020 ● Qormuz | Field Training
- 2021 ● Holds an industrial model certificate

Pro skills



- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Autodesk Fusion 360
- Adobe Indesign
- Rhino

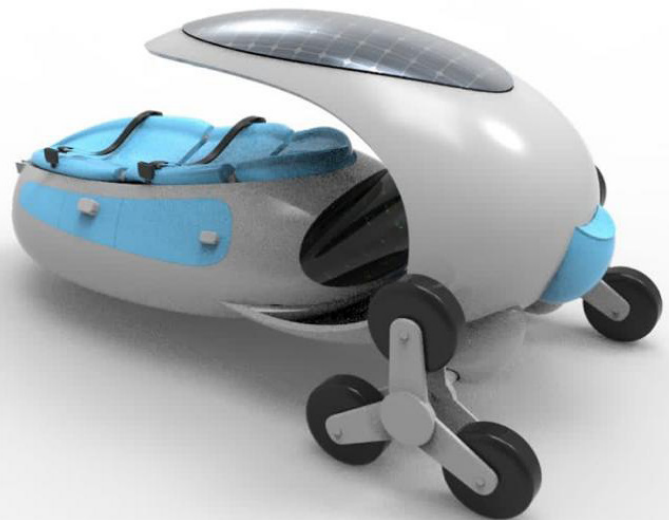
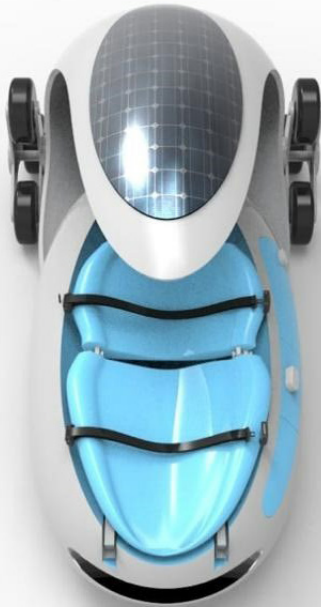
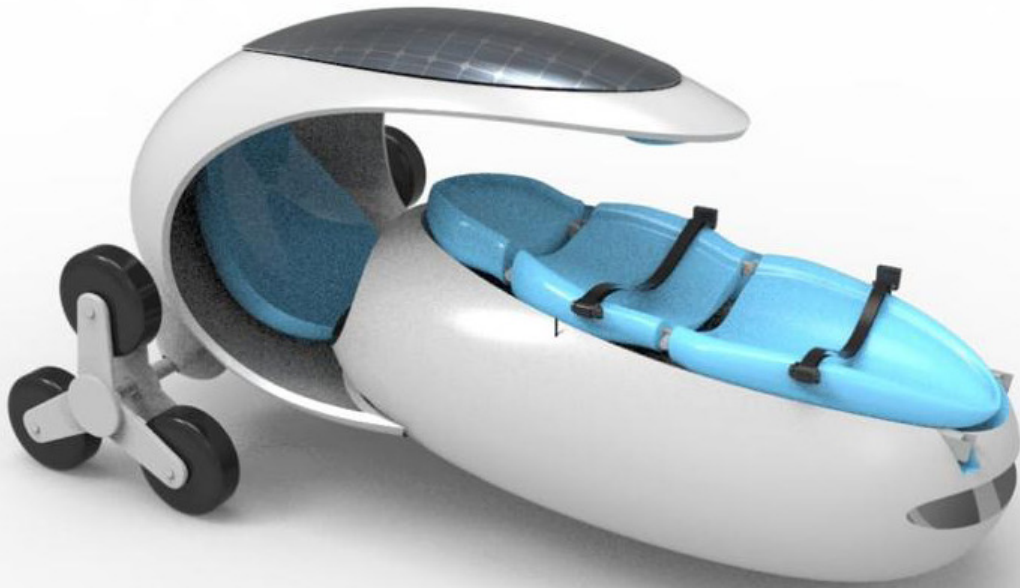
# Sara Khalid Alsaeed

## FIRST AID ROBOT

### About

A First Aid Robot is a vehicle directed by the paramedic outside the lane, and upon entering the lane designated for it, it becomes a self-driving. The robot was built to reach the injured faster and help them in the Grand Mosque in Makkah and reduce the effort spent on paramedics.







**Sara Khalid Alsaeed**

Product Designer

CONTACT ME



alsaedsara97@gmail.com



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EDUCATION



2016 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



Teamwork

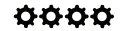
Work under pressure

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2018 ● Shatlah project (National minds company) | Riyadh
- 2019 ● Volunteering (the career fair) | Riyadh
- 2019 ● Volunteering (breast cancer day) | Riyadh
- 2019 ● 3D Printing
- 2019 ● Misk fellowship and traineeship future path program
- 2020 ● Adobe training course
- 2020 ● Theta hub | Field Training

Pro skills



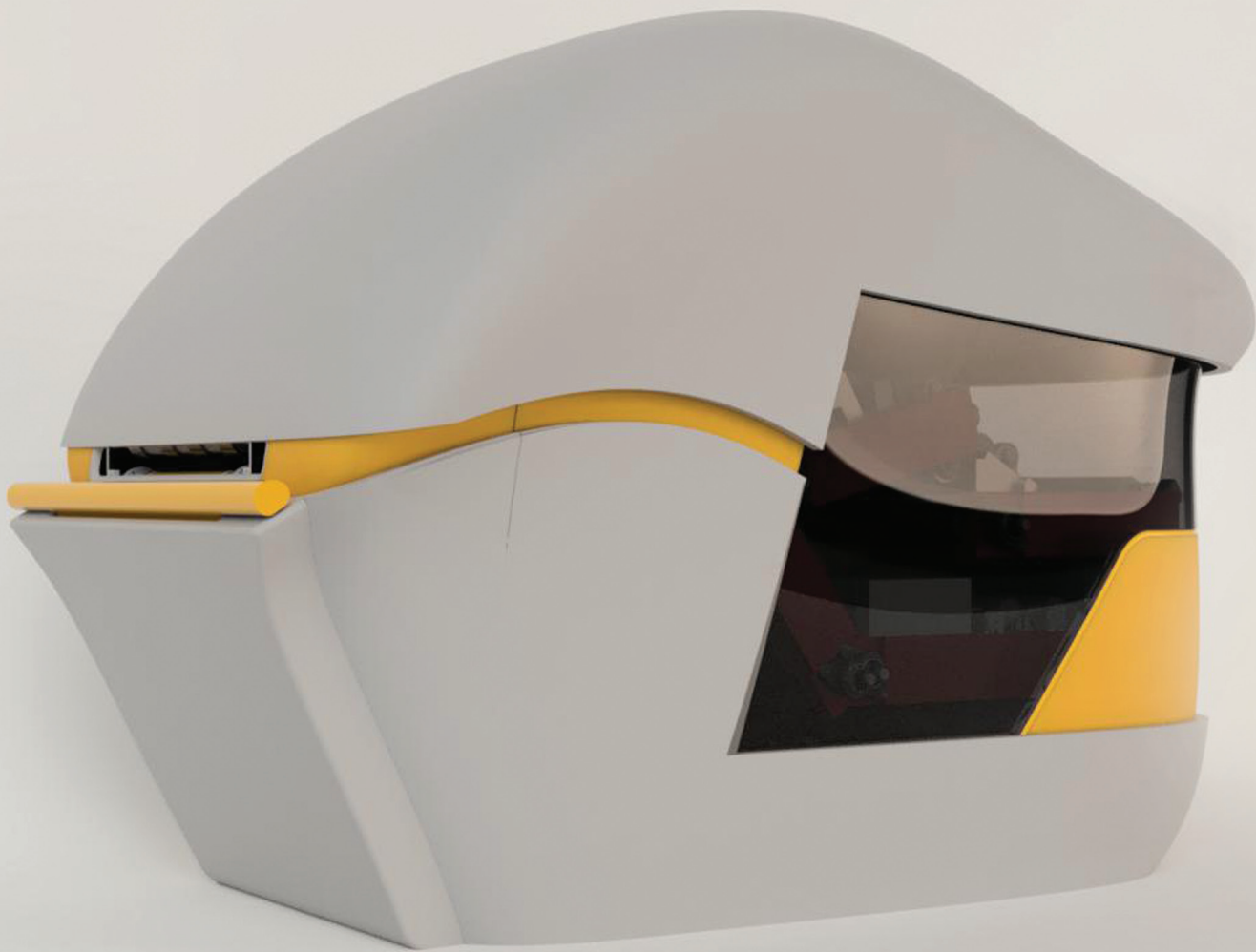
- Illustrator
- Photoshop
- Autocad
- SketchUp
- Rhino

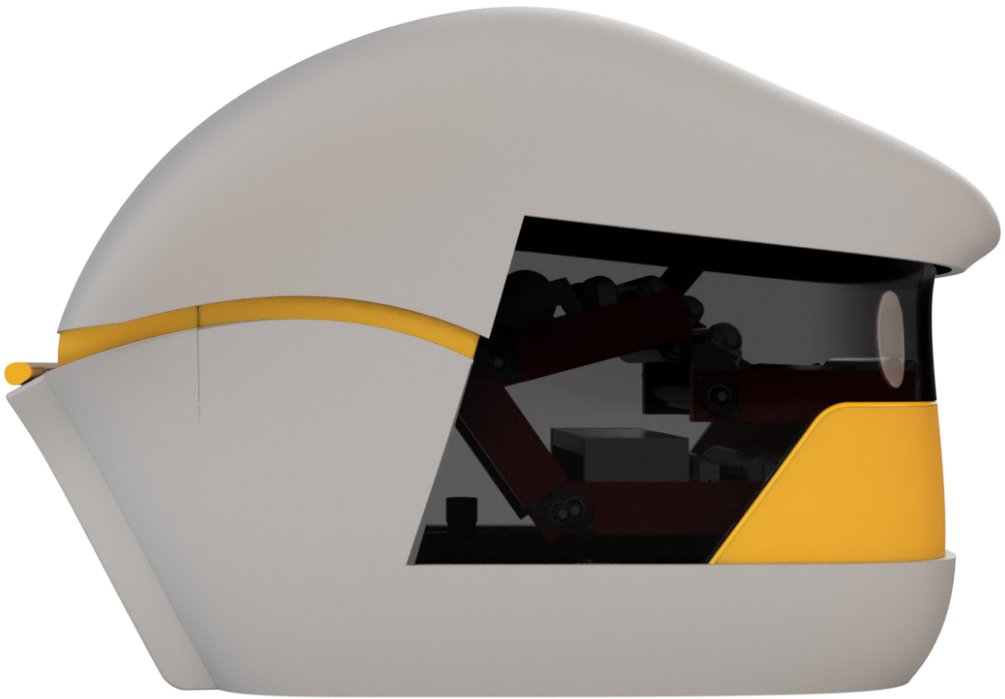
# Roba alfadhel

Cardboard CPB

## About

It's a recycling machine, which produces paper bags when we insert the unusable cardboard inside it









**Roba Abdulrahman Alfadhel**

Product Designer

CONTACT ME



Robaalfadhel@gmail.com

**Bē**

robaalfadhel



@robaalfadhel

EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



3d moding & rendering  
teamwork  
design thinking  
flexibility

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2020 ● 3 months internship at king abdulaziz city for science and technology (Kacst)
- 2020 - 2021 ● 7 months internship at cocreate
- 2021 ● Product and Environment Design, King Abdullah University Hospital ,KAAUH
- 2019 ● 3D printing course
- 2019 ● Volunteering in university's activities

Pro skills



- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Autodesk Fusion 360
- Adobe Indesign
- Rhino

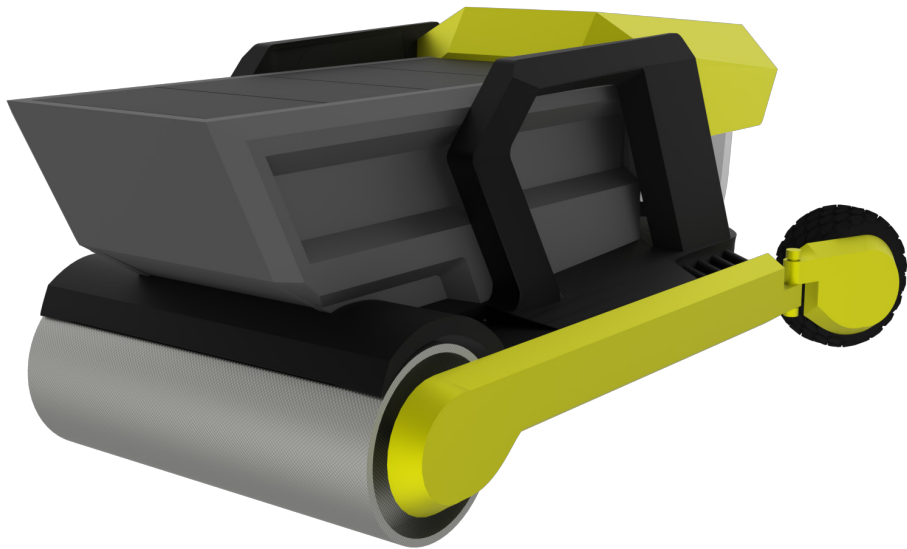
# Hessa AlSaleh

Road Repair and Maintenance Robot

## About

A multifunctional robot that repairs and maintenance road problems, it starts by defining the problem and ends with fixing the road







**Hessa Bader AlSaleh**

Product Designer

CONTACT ME



hessalsaleh@gmail.com



+966 55 021 2229



@hessalsaleh

EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



Self-learning

Attention to details

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2020 ● Innovation training course at Biban - Monshaat
- 2020 ● Developing your idea training program at Biban - Monshaat
- 2020 ● Adobe training course
- 2020 ● Misk fellowship and traineeship future path program
- 2020 ● Theta hub - Summer internship
- 2020 ● Industrial design and information materials for the institute's products at Communication and Information Technology Research Institute, KACST - summer internship
- 2021 ● Volunteering for 400 hour at Communication and Information Technology Research Institute, KACST

Pro skills



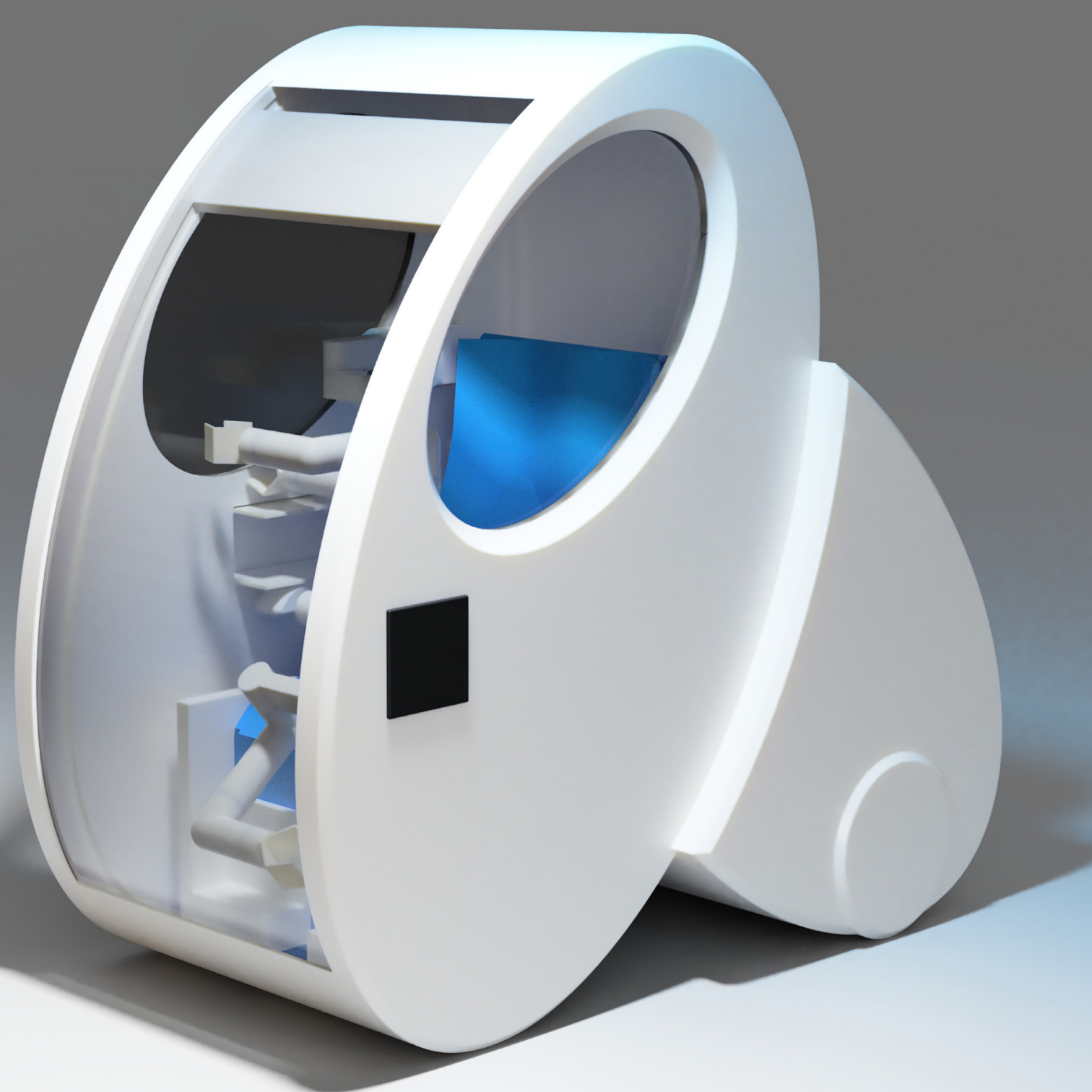
- Illustrator
- Fusion 360
- Autocad
- InDesign
- Rhinoceros 6&7
- Photoshop

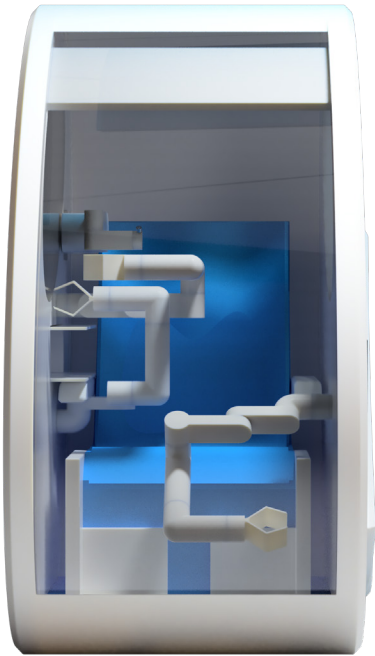
# Raneem Alsemari

## Di-Fracture

### About

An auto-mobile capsule designed to diagnose and treat fractured limbs (arms\legs). Enhanced with an AI system and a UI that clarifies all the steps of the treatment process. Designed with claustrophobic patients in mind, with side windows placed to give a feeling of spaciousness, and the front door made of glass to grant the illusion of open space.









**Raneem Alsemari**

Product Designer

CONTACT ME



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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



Leadership  
Teamwork  
Quick learner

LANGUAGES



ARABIC  
ENGLISH  
Spanish

Experience and certificates



- 2019 ● Misk Career Preparation program
- 2020 ● Volunteer in different university events
- 2020 ● Internship at CITRI, King Abdulaziz City for Science and Technology
- 2020 ● Misk Program, Future Path for Fundamentals of Profession Research
- 2021 ● Internship at CITRI, King Abdulaziz City for Science and Technology
- 2021 ● Designer in the development of the pediatric department team, King Abdullah University Hospital

Pro skills



- Adobe Photoshop
- Autodesk Auto-CAD
- Adobe Illustrator
- Autodesk Fusion 360
- Adobe Indesign
- Rhino

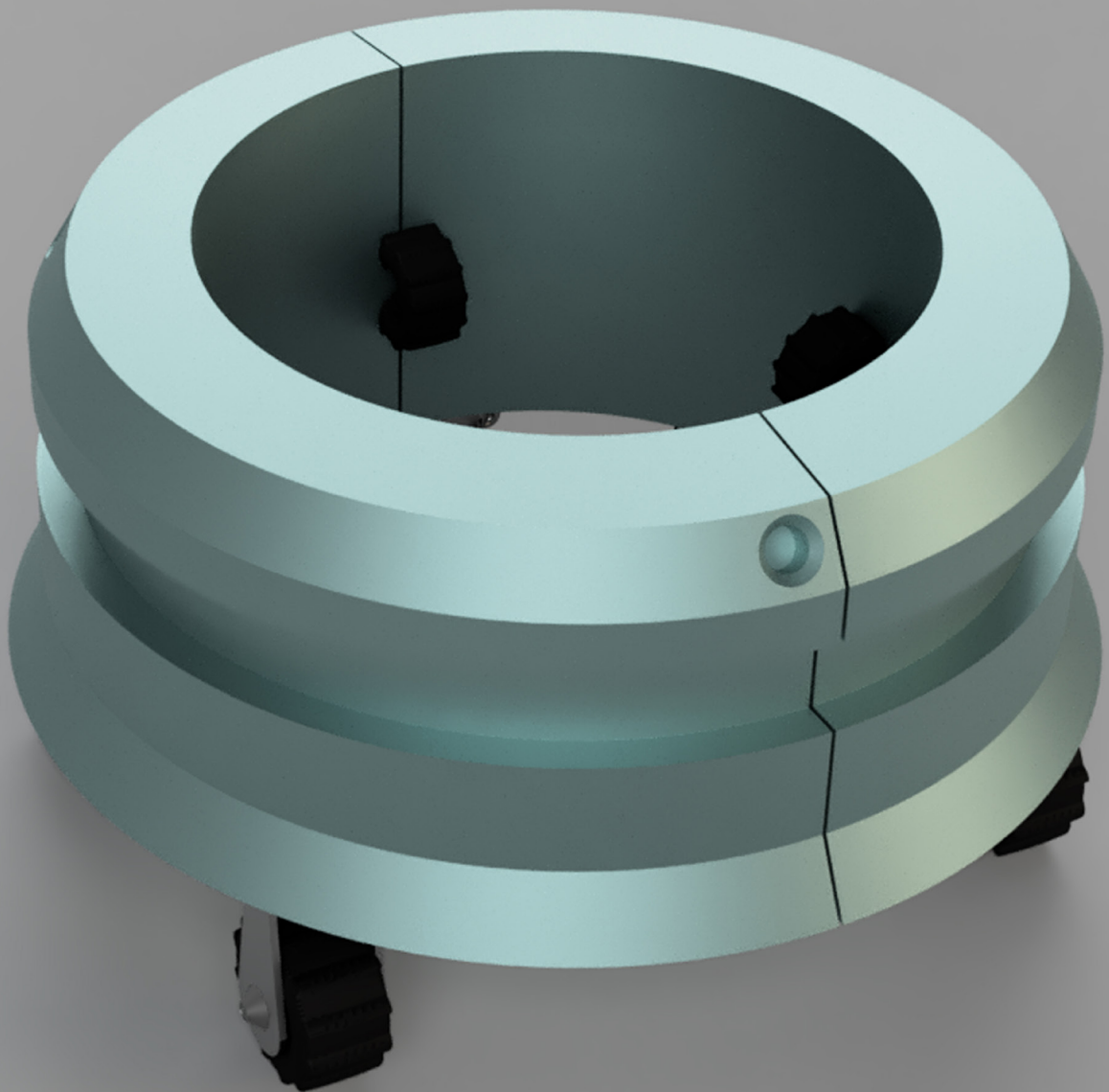
# Raghad Al turki

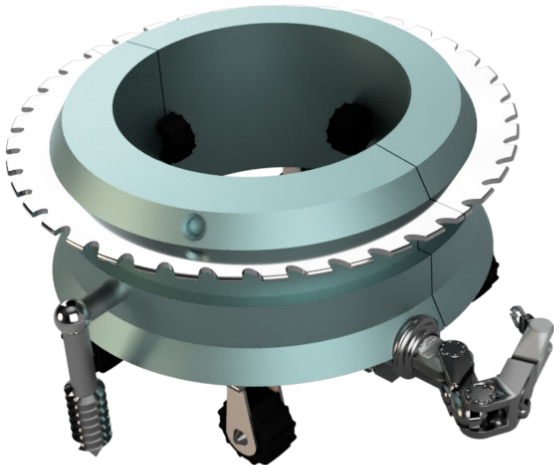
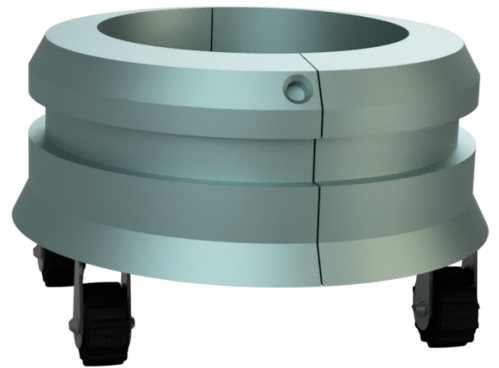
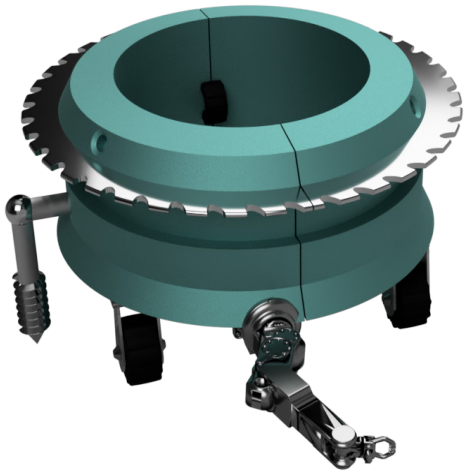
## Palm tree Robot

### About

It's a palm care robot it works by self-control and performs the functions of digging, planting, climbing, pollinating, pruning, harvesting, monitoring palm health. It has the following features:

- works on battery and automatic charging system
- Health care monitor
- Wifi enable Control from your phone,PC and more
- Built in camera







**Raghad Al turki**

Product Designer

CONTACT ME



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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



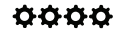
Work under pressure  
Time management  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2018 ● Graphic design training course
- 2019 ● Field training at Thakaa center
- 2019 ● Laser Cutting Class
- 2019 ● 3D printing course
- 2019 ● Volunteering in university's activities

Pro skills



- Illustrator
- Photoshop
- InDesign
- Autocad
- Autodesk Fusion 360
- Rhino

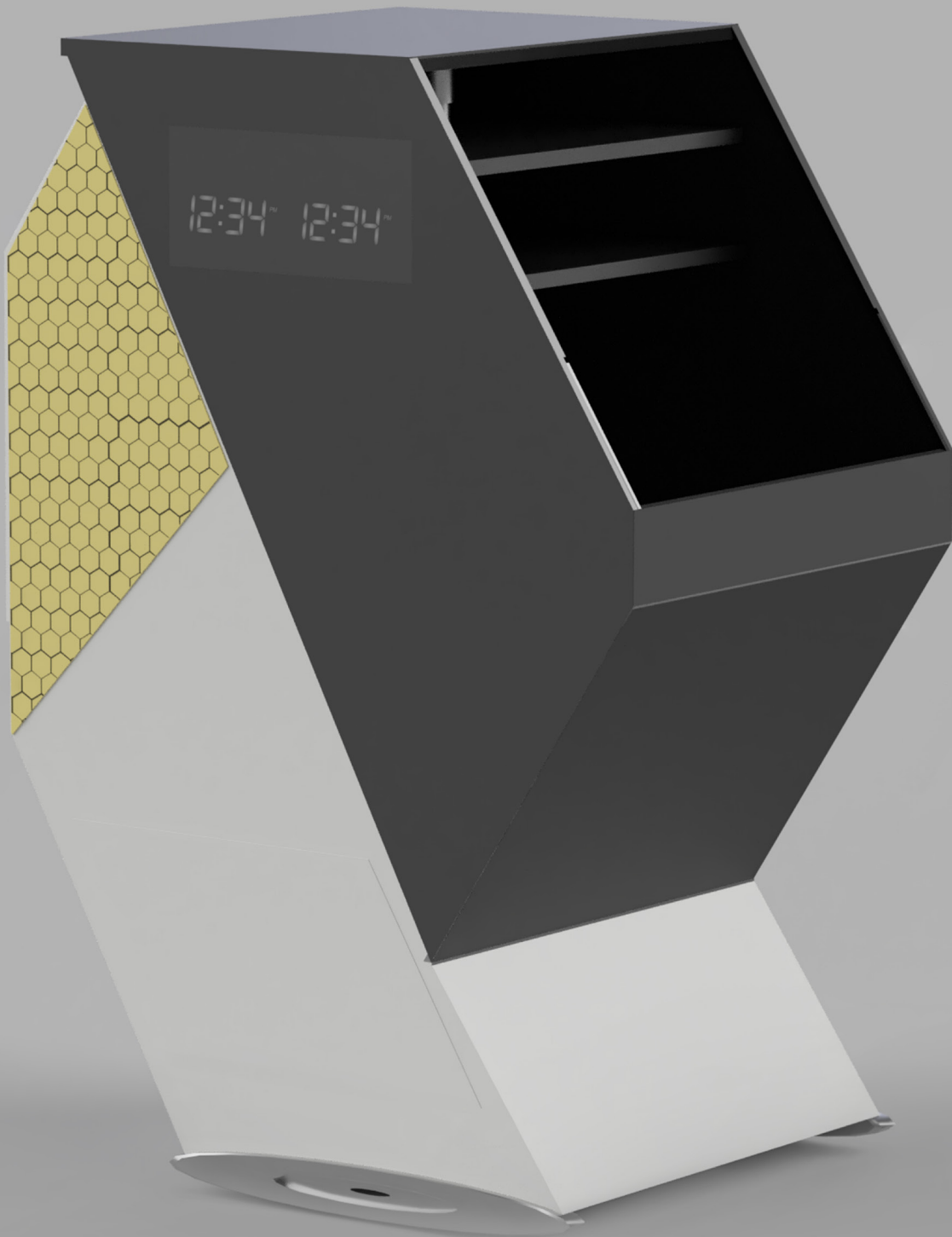
# Zahrah khalban

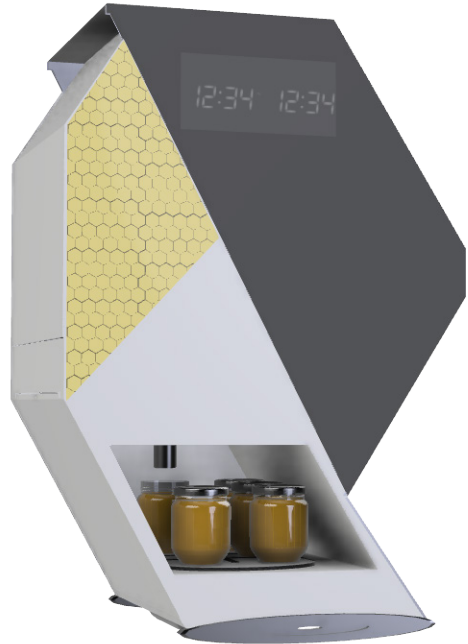
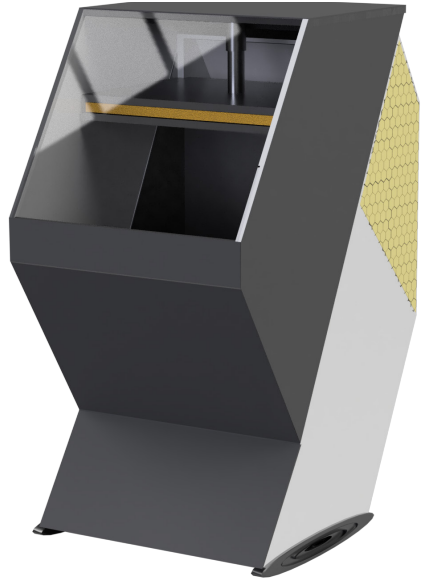
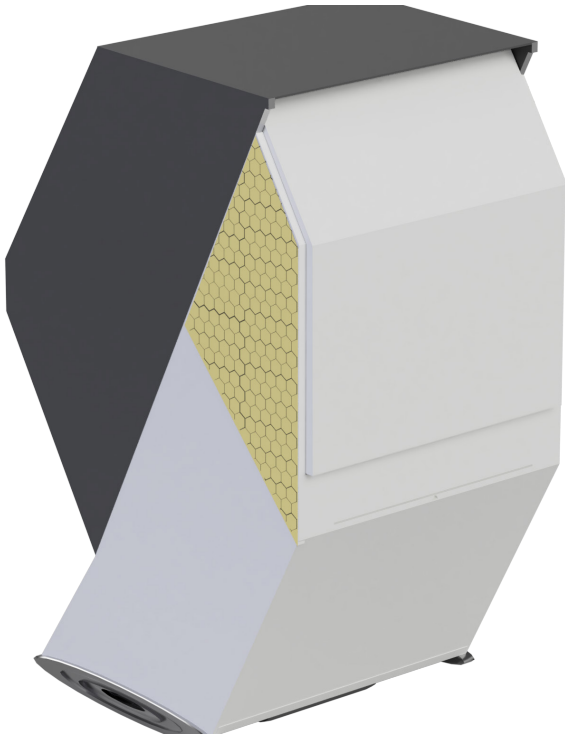
Honey collect and extraction robot

## About

Honey collect and extraction robot

It is a robot that collects beeswax from the boxes, and then performs the process of piercing the wax to extract the honey, after which it packages and canning it.









**zahrah khalban**

Product Designer

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EDUCATION



2017 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



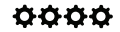
Planning & organizing  
Managing a teamwork  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2019 ● 3D course
- 2020 ● 3 months internship at king Abdelaziz city for science and technology (kasct)
- 2020 ● innovation training course at Biban – Monshaat
- 2020 ● innovation through design thinking

Pro skills



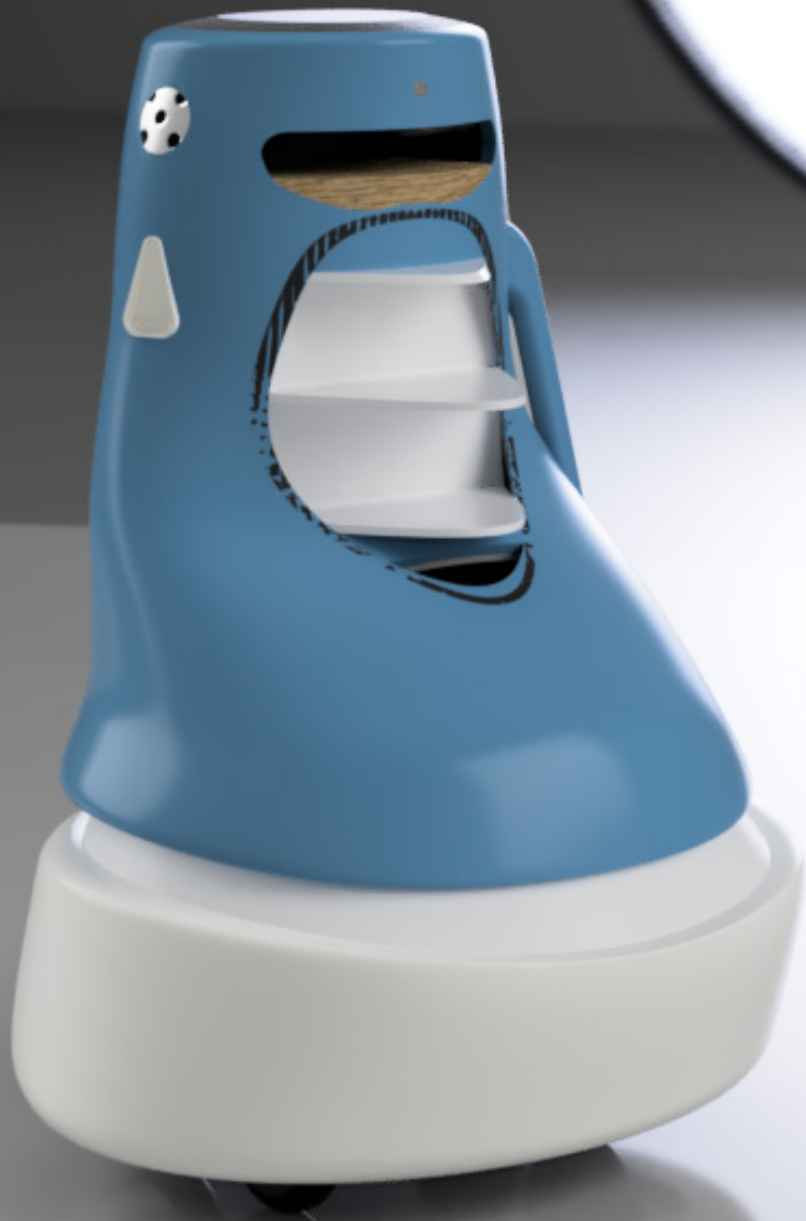
- Illustrator ● Autocad
- Rhino
- Autodesk Fusion 360

# Afaf Alshraheani

Serving robot for isolation rooms

## About

Robert is a self-employed isolation room butler who serves the patient to reduce human exposure to the risk of epidemics







**Afaf Dafer Alshraheani**  
Product Designer

CONTACT ME



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EDUCATION



2018 - 2021

Bachelor degree Of product design  
Princess Nora Bint Abdulrahman University

SKILLS



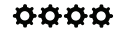
Planning & organizing  
Managing a teamwork  
Teamwork

LANGUAGES



ARABIC  
ENGLISH

Experience and certificates



- 2017 ● Organizing entertainment events yamam team
- 2019 ● Laser Cutting Class
- 2019 ● 3D printing course
- 2019 ● Volunteering in university's activities
- 2020 ● Qormuz | Field Training

Pro skills



- Illustrator ● Autocad
- Rhino
- Autodesk Fusion 360



كل الشكر و التقدير للجنة المعارض  
و الانشطة و العلاقات العامة والاعلام:  
أ. البندري الحلوان  
أ.ديمة العودان  
أ.بيادر العيسى

شكر خاص للمصمات:  
لولوه الفنيسان  
شهد الخليفة  
مها العقيل

