

AHMAD AL ABOU

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SUMMARY

SolidWorks Designer with 2 years of experience at AKILLI ELEKTRİK ÜRETİM SİSTEMLERİ, specializing in industrial design engineering. Successfully designed a giant oven for energy generation using turbine engines and proficient in SolidWorks software.

EXPERIENCE

CNC Worker

Boyacıoğlu Mimarlık Mühendislik İnş.Mob.İml.San.Tic.Ltd.Şti. - Karabuk

February 2024 - June 2024, KARABÜK - TÜRKİYE

- Machine control and monitoring.
- Operated and maintained CNC machinery to produce precision components, achieving a 95% accuracy rate and reducing production downtime by 20% through regular maintenance and calibration.

CNC Worker

Yükseller Mimarlık Mühendislik İnş.Mob.İml.San.Tic.Ltd.Şti. - Karabuk

August 2023 - January 2024, Karabük - Türkiye

- Machine control and monitoring.
- Operated and maintained CNC machinery to produce precision components, achieving a 95% accuracy rate and reducing production downtime by 20% through regular maintenance and calibration.

SolidWorks Designer

AKILLI ELEKTRİK ÜRETİM SİSTEMLERİ

October 2022 - December 2023, Karabük - Türkiye

- Designing a giant oven to generate energy using SolidWorks software equipped with turbine engines.

PROJECTS

SLAUGHTERHOUSE SYSTEM

KARABÜK ÜNİVERSİTESİ • mega.nz/folder/nGYV2LIZ#noIqJp-ZmQPKwLsRrSgrmQ • May 2024 - May 2024

- 2D SLAUGHTERHOUSE SYSTEM design

MECHANICAL LIFT FOR CARS

KARABÜK ÜNİVERSİTESİ • mega.nz/folder/aD4DRTqa#1YGeBlpwCfu8NBgpELVHUQ • May 2024 - May 2024

- 2D MECHANICAL LIFT FOR CARS design and calculation

HYDRAULIC CYLINDER

KARABÜK ÜNİVERSİTESİ • mega.nz/folder/3eJjOCJb#lnoJuFTdoGayBqbUkbclQ • April 2024 - April 2024

- 2D HYDRAULIC CYLINDER design

AYRAN FILLING MACHINE

KARABÜK ÜNİVERSİTESİ • mega.nz/folder/qapnGIDa#QG83AqxSAkmXUiwA24JWlw • April 2024 - April 2024

- 2D AYRAN FILLING MACHINE design

HORIZONTAL WIND TURBINE

KARABÜK ÜNİVERSİTESİ • mega.nz/file/vfRBlQCb#lKgLkykjTP7oY5XgUxNCNtVZG_Up4bvK4bmsgdgmee8

- March 2024 - March 2024
- 2D HORIZONTAL WIND TURBINE design

GO CART

KARABÜK ÜNİVERSİTESİ • mega.nz/folder/2f5TQZ5R#uLT6aVkdjCTrE32LKWCP8w • February 2024 - February 2024

- 2D GO CART and DRIVE SYSTEM design

DIFFERENTIAL

KARABÜK ÜNİVERSİTESİ • mega.nz/folder/yWYQRabQ#9crTuXGp7BH51cza10Ekpw • January 2024 – January 2024

- 2D DIFFERENTIAL design and calculation

INTERNAL GEAR

KARABÜK ÜNİVERSİTESİ • mega.nz/file/aPJIEICS#UXeONbNtOfIFHAyvRF2yJG92l85FQauwWeQYfRrNbHQ

- April 2024 – April 2024
- 2D INTERNAL GEAR design

EXTERNAL GEAR

KARABÜK ÜNİVERSİTESİ • mega.nz/file/iapGELhA#Z3q2XGVaJFN6NIwAjBv87Xb2YbBuqygURIKwDeThDbA

- March 2024 – March 2024
- 2D EXTERNAL GEAR design

KRANE DESIGN

KARABÜK ÜNİVERSİTESİ • mega.nz/folder/2G5hkTya#exOl6WvEz3cvmsNzcbaH6w • March 2024 – March 2024

- 2D KRANE design

gear box

KARABÜK ÜNİVERSİTESİ • mega.nz/folder/HGBIDAAA#3uIgRup-MMiYs48JQJbafg • January 2024 – January 2024

- 2D gearbox design and calculation

SPACE CAGE

KARABÜK ÜNİVERSİTESİ • mega.nz/file/WXxWkIZD#yNG6wkx55CtKpKoa_rMISs52FoAFXoSav2JdYPLI_hI

- February 2024 – February 2024
- 2D SPACE CAGE design

steel roof and body

KARABÜK ÜNİVERSİTESİ • mega.nz/folder/LDRjzagC#XLMohLqEoG5h99QYOoKpwg • January 2024 – January 2024

- 2D steel roof and body design

TOY STEERING WHEEL

Karabük Üniversitesi • mega.nz/file/yGAHlRqb#hCnQ9qg8c4DCdhqM_KPtW9tk2T9e3w4.86u2D6BVXwVU

- October 2021 – January 2022
- It is a project for the subject Industrial Plastic Mold Design The goal was to design an injection mold for plastic material to produce four pieces of a steering wheel toy for children.

MANUAL HYDRAULIC PRESS

Karabük Üniversitesi • mega.nz/file/3eZxkRqR#FjBJm8hDI2ATGGFNfuziSuceEBLULF4ItFu8wODEqzo

- October 2023 – January 2024
- It is a project for the subject of Recycling Systems Design The goal was to create a product and design it from waste for recycling.

Hotel Room

Karabük Üniversitesi • mega.nz/folder/eOJX3LjR#UhEzzH4JQ1F2WWgBCyDAoQ • October 2023 – January 2024

- It is a project for the subject building interior design and we have converted the classroom into a hotel room.

Designing a Public Park

Karabük Üniversitesi • mega.nz/file/SKpUVTiB#brGw99ts53FpYsb7PJQCV9y3IwcpYqS6ku5WhxiD5xg • February 2022 – June 2022

- It is a project for the subject of design of urban furniture The goal was to redesign Saadallah Al Jabri public square in Aleppo into a modern public park with a playground, relaxation area, and other facilities.

Vehicle Model

Karabük Üniversitesi • mega.nz/file/eH5B1KKR#ZRhUoNQaBX_HRqWmPMtPmVKLdOTZoL_bYzwVhvrdiwg

• February 2022 – June 2022

• It is a project for the subject Vehicle Model I relied on combining three designs into one car, which are the Maserati, Dodge Charger, and Challenger cars.

EDUCATION

Bachelor's degree in Industrial Design Engineering

Minor in Engineering Design. • Karabük Üniversitesi • Karabük – Türkiye • 2024 • 2,47

- I received two scholarships for a 4-year program because of my grades.
- I have obtained external certificates in design using SolidWorks software.

CERTIFICATIONS

Certificate of Attendance in the SolidWorks Basics Course.

Syria Students Body • 2021

COURSEWORK

Advanced Engineering Design via Solidworks

NERDz Academy • 2023 • Engineering design

- Watch recorded videos remotely.

SKILLS

Design engineering: SolidWorks, Fusion360, Catia, AutoCad, SketchUp

ANSYS: Static Structural – Dynamic – Thermal – Rigit Dynamic

Microsoft Office: Word – PowerPoint – Excel

Languages: Arabic (Native Language), English (2.Language), Turkish (3.Language)