



Ali Al Majid

FRESH MECHANICAL ENGINEER

OBJECTIVE

Seeking a full-time position in a company that allows me to grow my knowledge in the field of Mechanical Engineering

EDUCATION

2016 - 2021

Colorado State University USA

Bachelor of Science in Mechanical Engineering

2015 - 2016

INTO Colorado State University

Completed English program courses

2015 - 2021

Saudi Arabia Cultural Mission

Sponsored by SACM Scholarship, Saudi Arabia

VOLUNTEER EXPERIENCES

2018

Colorado State University USA

Employee at Durrell Dining Center

2017

American Society of Mechanical Engineering

Member of the society that promotes the art, science and practice of engineering

CONTACT ME

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ENGINEERING PROJECTS

Surface Modeling – Laboratory Project – (Fork Design)

- Designed and created a surface modeled part to develop basic skills in surface modeling
- Using extrudes, extrude cuts, drafts, and fillets/rounds

General Manufacturing Processes (Clock Design)

Designed and manufacturing clock to learn how to use tools and machines such as horizontal and vertical band saws, lathes, drill presses, and vertical mills

Design Competition – (Racing car project)

Design and build a device to compete in a double-elimination style competition

Computational Fluid Dynamics – (Air Flow over Golf Ball)

- Air flow over a golf ball is simulated and analyzed using Computational Fluid Dynamics
- Used a 3D model for the golf ball in this analysis which is simulate a real ball

Senior design project – (Multimedia Field Solutions Cart)

- Design and build a cart that will aid in the transportation and functionality of media equipment
- The cart was proposed to the team with a budget of \$1,000, and the main design objectives being weight, size, and collapsibility

CORE SKILLS

Machine of Design

Finite Element Analysis

Engineering Design

Design 3D Modeling

Manufacturing Processes

AREA OF EXPERTISE

- Experienced in SolidWorks
- Excellent in Lathe and Drilling Machines
- Basic knowledge of MATLAB, (CNC) Machine
- Familiar with LabVIEW
- Experienced with 3D printing
- Fluent in Arabic and English