

BASSAM ALHARBI

Mechanical Engineering

CAREER OBJECTIVE

Seeking a challenging career in a progressive organization where I can acquire current and relevant knowledge and develop effective skills to maximize individual and organizational productivity

CONTACT DETAILS

Phone: +966558118925

Email: Bassam.sh47@gmail.com

LinkedIn: @balharb1

LANGUAGES

- Arabic
- English

EDUCATION

UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE | 2017-2021

Bachelor of Science in Mechanical Engineering, Minor in Mathematics

- GPA: 3.56 out of 4
- Latin Honors Cum Laude Awardee
- Consistent Dean's Honor Lister

ENGINEERING PROJECTS

SENIOR DESIGN PROJECT | FALL 2020 - SPRING 2021

Design a laboratory and build the infrastructure portion to allow for testing soil, mineral samples, and agricultural products in developing countries. for Globalstratos, Inc.

- Worked on a team of 6 people.
- Responsible for designing and prototyping the water system that included a filtration system and plumbing system for a laboratory shipping container in harsh conditions.
- Developed installation and maintenance manuals for the water system.

JUNIOR DESIGN PROJECT | SPRING 2020

Design and build a lightweight mobile crane robot that is controlled remotely.

- Worked on a team of 6 people.
- Responsible for the Mathcad aspect on the team
- Machined and built the frame of the crane robot

SOPHOMORE DESIGN PROJECT | FALL 2019

Designed and built an air engine.

- Developed a design through AutoCAD
- Built and machined the air engine through the lathe and mill machines

TECHNICAL SKILLS

- Microsoft Office
- Mathcad
- AutoCAD
- MATLAB
- Machining
- Statistical Analysis
- Engineering Documentation
- Metrology and Process Control

PERSONAL SKILLS

- Leadership and ability to motivate others
- Ability to work as independently or as part of a team
- Highly developed communication and teamwork skills
- Excellent problem solver
- Highly organized and efficient
- Adaptability and flexibility
- Time management