

Abdullah Yaser Alahmad
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OBJECTIVE:

Aspiring engineering looking to implement my engineering and interpersonal skills to contribute to my next challenge

EDUCATION:

Michigan State University, East Lansing, MI
Bachelor of Science in Materials Science and Engineering

May 2020

- Dean's List Spring 2020

Capstone Project: Failure analysis and case study of damaged tandem bicycle

- Group utilized SEM photos of the damaged area to analyze the failure
- Chemical analysis of the frame was done on the area of damage
- Result was damages on the bike were caused by manufacturing defects

PROFESSIONAL EXPERIENCE:

Alahmad Est. Building Materials

September 2020-

Sales Manager

- Stay in contact with customers to fulfill their building materials orders
- Plan and coordinate delivery routes for daily trips
- Lead a team of 7 employees to complete weekly and monthly sale goals

Toastmasters International

January 2017-June 2020

President and Vice President of Education

- Increased the number of members from 3 to 17 members
- Held monthly meetings with club officers to plan and monitor the club's progress
- Implemented new ideas to ensure the satisfaction of the club members

Michigan State University College of Engineering

September 2019-May 2020

Research Assistant

- Utilized Siemens NX, AutoCAD software, to design modular redox flow batteries
- 3D printed CAD designs as prototypes for laboratory testing
- Analyzed designs of redox flow batteries based on performance

Michigan State University Libraries

May 2016-March 2020

Facility Staff

- Collaborated with coworkers to complete renovation projects at MSU libraries
- Organized and implemented daily maintenance tasks for library staff
- Mentored new employees to ensure projects transition effortlessly

EXTRACURRICULAR ACTIVITIES:

- 3D Printing
- Machining metals
- Tutoring
- C.A.R.E (Community. Action. Response. Experience)
- Special Olympics Flag Football

SKILLS:

- Fluently bilingual, Arabic and English
- Advanced skills using AutoCAD softwares Siemens NX, Fusion 360, and SketchUp
- Advanced skills using Microsoft Excel, PowerPoint, and Word
- Competent skills using failure analysis and mechanical properties tools

REFERENCES:

- Dr. David Hickey, hickeyd6@msu.edu, +1-517-355-5135: Research lab professor
- Jay Johnson, john2972@msu.edu, +1-517-884-0832: Library facilities supervisor