

Jane Doe

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SUMMARY

Fourth year Biomedical Engineering student seeking full-time position. Graduating from the Honors Institute with two internships and four years of varsity soccer and leadership experience.

EDUCATION

Michigan Technological University
BS Biomedical Engineering | Emphasis on Mechanics | GPA: 4.0

Houghton, MI
Expected: Spring 2017

ENGINEERING INTERNSHIP EXPERIENCE

Plexus Corporation | Boulder Design Center (Boulder, CO)

May – Aug 2016

Product Engineer Intern | Quality Assurance Functional Group

- Managed project documentation by releasing parts, engineering change orders, and engineering deviations using Agile documentation software
- Interact with suppliers to request and obtain RoHS environmental regulatory documentation
- Provided project progress report to customer including data analysis summary
- Recommended alternate parts to reduce product cost to customer, resulting in the potential for the company win more engineering work
- Performed functional testing of customer products in Plexus lab and at customer site
- Designed layout, procured parts, implemented into lab and validated functionality of compressed air line moisture traps and automated purge valve for Plexus continuous improvement project

NSF Biomechanics REU Internship | Virginia Tech

May – Aug 2015

Project: Ability of Protective Soccer Headgear to Reduce Concussion Risk

Objective: Test the ability of existing soccer protective headgear to reduce the concussion risk associated with playing the sport.

- Designed and validated an experiment for testing soccer protective headgear
- Collected linear and rotational head acceleration data with both accuracy and precision
- Troubleshoot mechanical and instrumentation issues followed by design modification
- Perform Fourier transform on data to analyze the amount of unwanted noise present
- Perform statistical analysis of data collected using MATLAB and JMP Anova

COMPUTER/TECHNICAL SKILLS

UGNX • Autodesk Inventor • MATLAB • Mathematica • Excel • Statistical Methods • JMP
Engineering Design • Material & Mechanics Foundations • Data Collection & Analysis
Agile Documentation • FDA Regulations • ROHS/REACH Directives • Functional Testing

VARSITY ATHLETE EXPERIENCE

Team Captain | Michigan Tech Varsity Soccer Team

GLIAC All-Conference Honorable Mention Award for 2015-2016

Terry Wilson Award for outstanding freshman female Athlete of the Year for 2014-2015

- Balanced 3-hour daily practice and bi-weekly game travel with full-class schedule
- Studied, learned, and executed numerous game strategies and systems
- Practiced troubleshooting and problem solving techniques in high stress, real-time competition environment and immediately modified strategy accordingly

Developed teamwork, communication skills, time management/prioritizing skills, competitive character, highly disciplined work ethic, and performance excellence

LEADERSHIP/WORK EXPERIENCE

Invited Member | The Honors Institute | Michigan Tech | 2013 – Present

Teaching Assistant | Math Lab | Michigan Tech | Fall 2014 – Present | 10 hrs/week

Student Assistant | HuskyMotors | Michigan Tech | Summer 2014 | 20 hrs/week

Class Representative | Undergraduate Student Government | Michigan Tech | 2013 – 2014