Kayla E. Myers

kaylamyers0219@gmail.com
(724) 678-0561

Campus Address
316 W Beaver Ave, APT 411
State College, PA 16801

Permanent Address
280 William Dr.
Canonsburg, PA 15317

OBJECTIVE: To obtain a full-time engineering or technical advising position beginning fall 2024.

EDUCATION:

Bachelor of Science in Biomedical Engineering
Minor in Engineering Entrepreneurship and Innovation
The Pennsylvania State University, University Park, PA GPA: **3.87/4.00**
Anticipated Graduation: May 2024

ENGINEERING EXPERIENCE:

Product Development Engineering Co-op
Kimberly-Clark Corporation, Neenah, WI May – Aug 2023

- Inspired front-end innovation for childcare products to improve commercial consumer products in various areas
- Developed repeatability testing for current absorption capacity of products compared to competitor brands and created consumer-relevant marketing claims
- Troubleshot inconsistencies between multiple tensile testing machines on reliability by testing product and organizing data for visual presentation and analysis
- Documented research processes and data collected to submit to internal company research files for future reference
- Managed and encouraged 80+ other students as the Activity Coordinator to get involved in group co-op/intern events

Raw Materials Quality Process Engineering Co-op
Kimberly-Clark Corporation, Neenah, WI Jun – Dec 2022

- Led project to refine plant-wide raw materials nonconformance process to increase employee productivity
- Collaborated with plant personnel, machine operators, and material suppliers to create project plan to allow for a decrease in time spent on conformance process
- Managed rejected raw material complaint forms daily; discussed material issues with machine operators to resolve nonconformance problems
- Reorganized hold bay for material rejects to increase efficiency when evaluating material for disposition decision
- Provided requested documentation in a timely manner for Global Quality Audit purposes

Musculoskeletal Regenerative Engineering Research Student
Penn State, University Park, PA Jan 2021 – Present

- Explore how biomaterials alter stem cells to generate/regenerate musculoskeletal tissues
- Discover which biomaterial interfaces alter mesenchymal stem cells to guide biomaterial design
- Integrate 3D printing technologies to control biomaterial design interfaces

LEADERSHIP EXPERIENCE:

Tutor – Public Speaking for Engineers
Penn State, University Park, PA Apr 2023 – Present

- Encourage engineering students to confidently and successfully communicate ideas in public speaking environments
- Provide constructive, individualized feedback on speech and presentation delivery techniques

ENTREPRENEURIAL EXPERIENCE:

Engineering Design Thinking Team Leader
Hasso Plattner Institute School of Design Thinking, Berlin, Germany May 2022

- Led team members in a high intensity environment to develop a functional app and website prototype to strongly reflect a start-up service business
- Received direct feedback from local students to implement changes into a newer version of the prototype
- Gained a deeper cultural understanding and awareness through exploration of the city and communication with locals

Game Day Ventures Tailgate Game Creator
Penn State, University Park, PA Mar – May 2022

- Collaborated with team members to create an original yard game for consumer tailgate events
- Built a fully functional prototype of "Shelv-O's" to demonstrate game concept

SOFTWARE:

MATLAB/Simulink, HTML, C++, Python, Wix, Proto.io, Microsoft Excel, Microsoft Word, SolidWorks

HONORS & INVOLVEMENT:

Semi-Finalist, Leonhard Center Public Speaking Contest '23
Instructor, Spin/Cycling & Pilates Fitness Classes '22-23
Fundraising Chair, Tri-State THON Organization '22-23