

Zachary E. Dozier

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OBJECTIVE

Obtain a full-time Mechanical Engineering position following graduation in May 2019

EDUCATION

University of Mount Union | Alliance, OH

Bachelor of Science in Engineering with focus on Mechanical, Minor in Math and Physics

Expected Graduation May 2019

GPA: 3.924/4.00

WORK EXPERIENCE

Ply Gem | Walbridge, OH | December 2017 - August 2018

Process/Quality Engineer Intern

- Developed and implemented process for new dunk tank for windows
- Developed and implemented plant-wide standard work instructions using technical writing skills
- Collected and analyzed data of new dunk tank and provided updates to management
- Facilitated continuous improvement of processes in plant by collaborating with production workers to understand and document their ideas and suggestions
- Investigated and documented nonconformance issues on glass and vinyl assembly lines

Allied Machine and Engineering Company | Dover, OH

Lean Six Intern May 2017 – August 2017

- Assisted in the implementation of LEAN methodologies to production workers
- Helped with the development of preliminary inventory control methods for product line

Quality Intern May 2016 – August 2016

- Measured parts to ensure that they were within tolerance limits
- Suggested process improvements based on data generated from Minitab

RELEVANT EXPERIENCE

University of Mount Union | Alliance, OH

Greek Member Academy Coordinator August 2018 – May 2019

- Creation of new curriculum for annual teambuilding academy for new fraternity and sorority members

Senior Design Capstone August 2018 – May 2019

- Designing and fabricating a device to be used in gait test by Exercise Science and Physical Therapy Departments

Engineer Project Abroad March 2018

- Two-week engineer project in Belmopan, Belize
- Assisted with development and implementation of a new water system at Belize Christian Academy

Mount Union Preview/Raider Guide June 2016 – Present

- Helped incoming and current first-year students transition to university life by being a mentor throughout their first school year

SKILLS

AutoCAD, AutoDesk Inventor, SolidWorks, Minitab, SPSS, MS Office, MS Project, MATLAB, Problem Solving, Critical Thinking

HONORS, LEADERSHIP & ACTIVITIES

- 2017 Outstanding Chapter President – University of Mount Union
- Dean Taylor Leadership Award – University of Mount Union
- The Wilbur and Burdella Stuckey Carl Mathematics Prize – University of Mount Union
- The Jeff Durant Memorial Most Valuable Student Scholarship – Elks National Foundation
- Alpha Lambda Delta Freshman Honor's Society – Former President
- Gender Equity Matters – Philanthropy Chair
- Alpha Tau Omega Fraternity – Former President
 - Created a culture of men that want to do more in the community and ran effective meetings to be conscious of others time