

Wesley M. Young

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OBJECTIVE

Career-driven mechanical engineer seeking an opportunity to leverage my acquired knowledge from WMU and tenure at FEMA Corporation to support and lead improvements in manufacturing processes.

PROFESSIONAL EXPERIENCE

FEMA Corporation – Portage, MI

Product Engineer

May 2018 to June 2020

- **Project Management**
 - Responsible for (4) production lines
 - Ensure components exceed quality expectations
 - Verify components to print with ISIR
 - Verify key characteristics are in control
 - Verify other PPAP documentation
 - Work with suppliers and customers to direct validation for changes made in the manufacturing processes or dimensional specifications of components
 - Validate any calibration concerns with production gauging
 - Out of calibration reports created with recommendations for finished product
 - Responsible for technical repairs to production equipment upon failure
 - Troubleshoot and identify root cause of scrap parts to eliminate unnecessary costs
- **Leadership**
 - Lead new projects through APQP process
 - Create cross functional team to review potential design and production process
 - DFMEA and PFMEA
 - Control plan
 - Quality requirements
- **Continuous Improvement Champion**
 - Evaluate line operations to identify improvements in efficiency with one case seeing improvements in throughput by 50%

Engineering Intern

August 2014 to May 2018

- **Product Management**
 - Work closely with the engineering department to develop, troubleshoot, and test new hydraulic products
- **Customer Support**
 - Evaluate returned units for failures and determine root causes
- **Product Engineering Support**
 - Complete lab request work and communicate findings to requesting parties
 - Prove and verify hydraulic specification for individual valve families

Assembly and Test Operator

October 2011 to May 2018

▪ **Line Operations**

- Assemble and test valves for performance
- Conduct test plot analysis to confirm conformance to customer requirements for each valve type
- Inspect parts for quality issues while assisting in providing details to alleviate any issues

EDUCATION

Bachelor of Science in Engineering

Western Michigan University – Kalamazoo, MI

Major: Mechanical Engineering, Minor: Mathematics

Graduation: April 2018

GPA: 3.62

Associates of Applied Science

Kalamazoo Valley Community College – Kalamazoo, MI

Graduation: December 2013