

Jonathan Bowman, EI

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EDUCATION:

Ohio University, Athens, Ohio | August 2015 – May 2021

Bachelor of Science in Mechanical Engineering (BSME) | Minor in Mathematics

Overall GPA (4.0 Scale): 3.4 | Major GPA (4.0 Scale): 3.5 | Dean's List: Spring 2019 – Fall 2020

CERTIFICATIONS:

- Engineer Intern (EI) Certified, License Number: EI.13429, Engineers & Surveyors Board of Ohio | July 2021 – Present
- Certified SOLIDWORKS Associate Mechanical Design (CSWA) | August 2020 – Present

PROFESSIONAL EXPERIENCE:

Ohio Steel Industries, Columbus, OH | September 2021 – Current | Full-Time

Engineering Manager | August 2023 - Current

- Support company-wide projects in multiple engineering disciplines including product design, industrial systems, quality engineering, manufacturing, and experimental design.
- Manage a team of 3 including those focused on product development, experimental design, product research, contract quoting, and manufacturing engineering.
- Lead product development projects, featuring both domestic and international manufacturing, including new product launches, implementing current product changes, benchmark testing, and completing market research.
- Design, implement, and utilize key engineering documents and processes including engineering drawings, ECNs, ECRs, R&D data collection documents, and customer feedback surveys.
- Communicate with customers to determine product definition details and requirements.
- Oversee process improvement efforts realizing over \$60k in saving in 2024.
- Perform budget and resource planning to ensure that deadlines are met and operational costs are limited.

Research and Development Engineer | September 2021 – August 2023

- Contributed to product development projects that aid in design for manufacturing and cost reduction initiatives including over \$20k of savings in 2023.
- Produced engineering drawings and SolidWorks CAD models for current product development and contract customer projects.
- Served as project manager for several concurrent contract projects that generated over \$4M in annual revenue from industry leading companies.
- Contributed to cross discipline teams to ensure that company commitments to quality and product integrity are met.

ORGANIZATIONS:

- **Pi Tau Sigma** (Mechanical Engineering Honor Society) | August 2020 – Present
- **American Society of Mechanical Engineers (ASME) Member** | February 2021 – Present

SKILLS:

- SolidWorks, CAD, Engineering Drafting, Engineering Drawings
- Geometric Dimensioning and Tolerancing (GD&T)
- Mechanical Design, Product Development, Design for Manufacturability (DFMA), Technical Writing
- Project Management, Leadership, Team Management, Cross Departmental Communication, Conflict Resolution
- C++ Programming, Microsoft Office, ERP, WordPress