Dominic Moscardelli

2074 University Ave.
Lincoln Park, Michigan 48146

Phone: 1 (989) 954-0950
E-Mail: hiredom@mos-car-delli.com
Website: www.mos-car-delli.com

Summary

Define → Ideate → Prototype → Build → Analyze

Acute understanding of the design process and involvement in each of these stages gives confidence in visualizing big picture outcomes. Hands on experience in teaching, manufacturing, and software development provides the foundation of understanding and communicating the small details.

Education

Central Michigan University

Bachelor of Science — Graduated 2016

B.S. Computer Science, Minor in Mathematics.

Experience

Product Designer, Michael Engineering

Mt. Pleasant, Michigan — 2010-2017

- Produced drawings and designs used for manufacturing.
- Worked independently and collaborated with engineers, designers, and production.
- Managed projects from prototype to final product.
- Created and maintained customer specific technical documentation.
- Worked closely with machinists during production processes.

Accomplishments

- Developed software that is now used company wide to produce custom documentation for each machine.
    - The software creates a technical manual specific to the machine.The custom manual has customer information, and the options included with the equipment.
    - Each machine that *Michael Engineering* produces comes with a manual that was created using this software.
- Improved communication process between the design and manufacturing departments.
    - Updated the official company process regarding the creation, storage, and revision of drawings and designs.
    - Created a system of communication between designers and machinists during CAD / CAM projects.
- Significant and measurable improvements to existing technical documentation.

Drafting Instructor, Mount Pleasant Area Technical Center

Mt. Pleasant, Michigan — 2013-2014

- Instructed students from 9th-12th grade in various levels of drafting and CAD.
- Created and executed lectures and project based assignments.
- Provided students with the skills and ability to pursue a job in CAD or design.

Accomplishments

- Nominated students into the National Technical Honors Society.
- Updated curriculum to use case-based real world projects for student learning.

Skills

- Drawing, 3d Modeling, and CAM - AutoCAD, Draftsight, Fusion360, Solidworks
- Software Development - Java, Python, Javascript, Visual Basic
- Manufacturing Processes - CNC Mill and Lathe, Mold Design, Electronics Development