Mike Mechanical

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EDUCATION

University of Maryland, Baltimore County (UMBC)
Candidate for Bachelor of Science in Mechanical Engineering

GPA: 3.3/4.0

EXPERIENCE

Mechanical Engineering Intern ABC Fabrication, Inc.

July 20xx – Present Lexington Park, MD

Baltimore, MD

Expected: May 20xx

- Model simulator parts in ProE in preparation for fabrication
- Created engineering drawings of simulator parts using ProE drafting software for accurate and efficient fabrication
- Applied engineering standards for modeling and drafting to ensure consistent and precise results
- Compiled engineering packages and parts lists for simulator fabrication
- Provided status inputs and reports for project scheduling
- Generated drawings for customer evaluation and approval against previously accepted requirements

Engineering Technician Assistant

May 20xx – June 20xx

ABC Fabrication, Inc.

Lexington Park, MD

- Operated customized Router-Table Mill to produce aircraft components
- Calibrated machinery in order to maintain a high standard of accuracy for all components
- Trained new employees on Router-Table Mill operation, ensuring user safety and increased productivity
- Machined various aircraft simulator parts and devices to match provided specifications and prepare for installation
- Assisted in installation of parts on aircraft simulators per approved engineering packages

DESIGN PROJECT

Elevator Prototype

Fall 20xx

- Designed a two foot tall elevator with SolidWorks
- Assembled elevator with manufactured metals and plastics, 3D printed parts, and
- supplied motor
- Competed in a tournament of speed and efficiency, placing 2nd out of 8 teams

TECHNICAL SKILLS

Software: ProE, Creo, AutoCAD Inventor, Microsoft Office, MATLAB

Tools and Processes: MultiCam 1000 Series CNC Router-Table Mill, Band Saw, Miter Saw, Drill Press,

Sandblasting, Powder Coating

ACTIVITIES AND LEADERSHIP

American Society of Mechanical Engineers – Vice President UMBC Ultimate Frisbee

Aug 20xx - Present 2011 - Present