

Anne O. Tations

Green Bay, WI 54301

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SUMMARY OF QUALIFICATIONS

- Use critical thinking and problem-solving techniques in the construction of a prototype
- Create a variety of computer aided drawings using AutoCAD and SolidWorks
- Construct 3D models using a variety of rapid prototyping processes
- Produce highly detailed and accurate parts using the laser machining center
- Fabricate silicone rubber molds and rigid molds suitable for casting
- Build patterns and molds to be used for vacuum forming
- Create jigs and fixtures necessary for special machining operations

EDUCATION

Northeast Wisconsin Technical College, Green Bay, WI

Prototype & Design, Associate Degree

May 2024

- Relevant Coursework: Prototype Machine Tool, 2D Essentials, Prototype Metal Fabrication, Molding Process & Techniques, Rapid Prototype & Additive Manufacturing, Models-Machines

BUSINESS EXPERIENCE

Design Engineer Intern

September 2023 – Present

CompuCom, Green Bay, WI

- Develop detailed documentation including design requirements, specifications, diagrams, solid models, technical drawings and calculations
- Design mechanisms ranging from simple to complex
- Design electronic packaging and enclosures
- Select materials to meet specifications and product requirements
- Build prototypes/models and perform testing to ensure design and structure to meet performance requirements
- Perform various types of mechanical engineering analysis to support

Pattern Maker Intern

June 2023 – September 2023

Crown Services, Green Bay, WI

- Prototyped and constructed molds/patterns using traditional woodworking equipment and techniques
- Participated and provided input in design meetings and brainstorming sessions
- Built and repaired molds, templates, trim tools, and shop aids required for the manufacture of composite parts
- Lay-up of tools, wet (high or low temp) or pre-impregnated composites
- Performed work within .010 tolerances
- Read and interpreted blueprints and engineering drawings
- Laid out and constructed templates from engineering drawings

COMMUNITY SERVICE

- **Volunteer**, *Red Cross*, Green Bay, WI
- **Volunteer**, *Habitat for Humanity*, Green Bay, WI

October 2023 – Present

Summer 2022