

MARY MECHANICAL SMITH

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EDUCATION

Bachelor of Science in Mechanical Engineering (BSME)

May 20XX

St. Cloud State University (SCSU), St. Cloud, MN

- Engineering Accreditation Commission of ABET
- GPA: 3.4

KEY SKILLS AND TRAINING

- Programs: AutoCAD, SolidWorks, MS Project, MATLAB, MS Excel
- Machining and Welding Tools: CNCs, mills, lathes, angle grinders, plasma cutters, oxy-acetylene torches, arc welders, band saws, grinders, shears, drill presses, chop saws, etc.
- Solid command of technologies, tools and best practices in designing mechanical equipment using AutoCAD, SolidWorks and engineering drawings
- Excellent shop and safety skills honed from work as a machinist and welder. Able to design and fabricate tooling and mechanical test fixtures
- Strong team-collaboration skills. Work closely with team members to achieve engineering goals

EXPERIENCE

Senior Design Project, SCSU

DEF Company, Avon, MN

September 20XX-Present

- Worked alongside the engineering department in designing straight hand seamer used in bending, seaming and flattening sheet metal
- Displayed designing skills while creating models using SolidWorks and participated in cross-functional product-development meetings
- Promoted detailed analysis while contributing ideas for change in handle design that is expected to improve comfort and safety when gripping the seamer

Machinist & Welder (contractor)

ABC Machining Company, Sartell, MN

September 20XX-Present

- Developed excellent fabrication and machine shop skills while working with the required professional tools to complete all projects on time and to specifications
- Handled welding assignments that involved installing, repairing and fabricating materials (sheet metal, steel, tools, parts, doors, gates and more) with extreme precision resulting in smooth operations
- Demonstrated advanced skills in operating equipment and machines including CNC machines, cutting machines and hydraulic presses for the fabrication of mechanical components