

# MARY SMITH

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Sometown, PA 17000

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*Recent graduate of ABET-accredited BSME program seeking an entry-level mechanical engineering position.*

## **Key skills and knowledge areas:**

- 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.

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## **EDUCATION**

### **ABC University -- Sometown, PA**

Ranked in the top 10 mechanical engineering schools by *US News and World Report*

*Bachelor of Science in Mechanical Engineering (BSME), GPA: 3.4, 5/2016*

*Completed Courses in Major:*

- Statics, Dynamics, Engineering Analysis, Mechanics of Materials, Fluid Mechanics, Dynamics of Machinery, Measurement and Instrumentation, Mechanical Engineering Thermodynamics, Industrial Processes, Elements of Material Engineering, Machine Design, Mechanical Vibrations, Thermal Systems Laboratory, Heat and Mass Transfer

*Design Project:*

- Completed senior project at DEF Company, a manufacturer of machine tools for the sheet metal industry.
- Assisted engineering department in designing straight hand seamer used in bending, seaming and flattening sheet metal.
- Created models using SolidWorks and participated in cross-functional product-development meetings.
- Contributed idea for change in handle design that is expected to improve comfort and safety when gripping the seamer. Product is in preproduction testing phase.

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## **TECHNICAL SKILLS**

**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.

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## **WORK EXPERIENCE**

**Machinist & Welder** (contractor), 9/2015 to Present

*Hired by ABC Machining Company as well as local construction companies to handle per-diem projects.*