

Entry-Level Mechanical Engineer resume template

MARY SMITH

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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.

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 currently in preproduction testing phase.

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.

WORK EXPERIENCE

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

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

- Earned a reputation as a talented machinist and welder. Developed excellent fabrication and machine shop skills, completing 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). Became adept at reading blueprints/drawings and fulfilling work orders.
- Demonstrated advanced skills in operating equipment and machines including CNC machines, cutting machines and hydraulic presses for the fabrication of mechanical components.