

MARY P. SMITH

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EDUCATION

West Virginia University, Morgantown, WV

Anticipated: May 2017

Bachelor of Science in Mechanical Engineering (ABET-accredited)

Overall GPA: 3.4

WORK EXPERIENCE

US Steel Corporation, Pittsburgh, PA

May 2016 – August 2016

Mechanical Engineering Intern

- Assisted maintenance department in developing a work plan for planned maintenance, including equipment component replacements and implementation of electrical system updates
- Completed and documented equipment manual research, drawing searches, and updates
- Reviewed layout areas and logistical sequences for these jobs
- Produced detailed timeline spreadsheets and procedure documents developed with primary input of Maintenance Planners and Managers

DEF Company, Washington, PA

January 2016 – May 2016

Junior Project Team Leader

- Assisted with the design of 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.

Steel of WV, Huntington, WV

May 2014 – August 2015

Machinist & Welder (contractor)

- 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).
- Demonstrated advanced skills in operating equipment and machines including CNC machines, cutting machines and hydraulic presses for the fabrication of mechanical components.

EXTRACURRICULAR ACTIVITIES

Society of Women Engineers, WVU Chapter

August 2016 – Present

Professionalism Chair

- Organized an Etiquette Dinner for over 100 members; secured \$8,500 in sponsorships

Engineers Without Borders, WVU Chapter

August 2015 – May 2016

Vice-President of Membership

- Increased new membership pledges by 25% this semester through new marketing efforts

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.