**Spencer Penley** smpenley@gmail.com

Campus 1400 Coleman Ave. - Mercer Box 71909 - Macon, GA 31207

Home 5055 Meadow Creek Dr. - Cumming, GA 30028

Cell (678) 447-9137

Knowledgeable in CAD software as well as Office products, great with customer service, great with teamwork, hard working

*Computer*Microsoft Office (Word, Excel, PowerPoint, Publisher, Access), C++, MathCAD, SolidWorks, AutoCAD, Pro/ENGINEER, PTC Creo

**Education:** MERCER UNIVERSITY Macon, GA Expected Graduation May 2017B.S.E. & M.S.E. Mechanical Engineering Specialty **GPA 3.2**

*Relevant* C++ Programing Physics 1 & 2

*Coursework:* Calculus 1, 2, & 3 Probability and Statistics for Chemistry Engineers

Intro to Engineering Design Thermodynamics

Differential Equations Statics/ Solid Mechanics

Dynamics Technical Communications 1 & 2

Electrical Fundamentals 1 & 2 Fluid Mechanics

Engineering Analysis Visualization, Drafting & Solid Solid Mechanics 2 Modeling

Machine Design Heat Transfer

*Projects:* • Designed built and tested the phase one design for a stratospheric research capsule whose poster presentation took first place at the ASEE/SE conference

* Designed and built a robotic clothes folding device for use in dormitories

*Honors:* Engineering Honors Program Sigma Xi Presidential Scholar

**Work** AH&P Macon, GA Summer 2014-2015

**Experience:** Engineering Intern, 45 hrs/wk

* Analyzed large data sets to find building loads and trends.
* Traveled to onsite locations to troubleshoot and/or collect data from data loggers
* Designed replacement HVAC equipment for existing buildings

Panduit Cumming, GA Summer 2013

Engineering Intern, 40 hrs/wk

* Ran tests on label printers to ensure quality with new electrical boards
* Ran temperature and humidity tests on new products to ensure long life.
* Designed and modified existing products for better quality

Publix Cumming, GA Summer 2012

Bagger, 25 hrs/wk.

* Bagged groceries and took groceries to customers vehicles
* Cleaned the store to ensure higher customer satisfaction

**Leadership:** ASME Member (2014- )

Project Chair of the Mercer Robotics Club (2013-2014)

President of the Mercer Robotics Club (2014- )