
JARED GREMLEY

14142 Fennsbury Dr Tampa, FL 33624
(813)394-6231 Jared.Gremley@gmail.com

Objective

To acquire knowledge through training and experience outside the classroom that will advance my understanding of the field of engineering.

Education

The Florida State University | Tallahassee, FL May 2019

Master of Science | Mechanical Engineering

The Florida State University | Tallahassee, FL May 2018

Bachelor of Science | Mechanical Engineering 3.09 GPA

Dean's List – 2 Semesters

Experience

Florida State University Facilities & Engineering Services | Tallahassee, FL January 2017 - Present

Intern

- ❖ Performing responsibilities for providing engineering input in estimating equipment & assisted in material cost of successful project execution.
- ❖ Developing drawings from field work, performed heating & cooling load calculations, sizing of air-handling equipment for HVAC installations, & pump sizing.

Research for Energy & Sustainability Center at Florida State University | Tallahassee, FL June 2017 - Present

Research Associate

- ❖ Researching and comparing various functions and factors that determine the efficiency of solar water heaters.
- ❖ Utilizing mathematical models, solar irradiance instruments and thermocouples to experimentally determine an energy efficient flow rate for solar water heaters.

Patent No. 9561930 String Light Storage Lattice | Tampa, FL May 2016 - Present

Design Assistant

- ❖ Assisted in product design, researching similar patents, and preparing CAD documentation for new patent application.
- ❖ Assisting in research for quotes on manufacturing, marketing research, and sales of the patent.

Technical Skills

- ❖ AutoCAD, MATLAB, Pro Engineer, PipeFlo, Python, C, and Microsoft Programs
- ❖ Ability to derive meaning from data
- ❖ Bridging design to operation
- ❖ 175+ hours of community service