

Jeffrey C. Swanner

Address: 927 West Morgan Street, Apt 462

Raleigh, NC 27603

Phone: (252)943-8275

Email: jeffswanner93@gmail.com

LinkedIn: www.linkedin.com/in/jeff-swanner

Portfolio: <https://jeff-swanner.github.io/Responsive-portfolio/>

Summary

Versatile mechanical engineer with over 3 years of industry experience seeking career transition that will utilize a strong background in engineering, skills from the UNC coding bootcamp, and eagerness to learn. Strong design, management, and communication skills demonstrated through design and management of multimillion-dollar ammonia refrigeration system installations for food processing facilities.

Education

North Carolina State University

August 2011 - December 2015

Bachelor of Science, Mechanical Engineering

Minor, Business Administration with Management Concentration

GPA: 3.55/4.00 - Magna Cum Laude

Experience

Project/Design Engineer

February 2016 - Present

Sterling Industrial Refrigeration, Morrisville, NC

- Design engineer and sole project manager on over 40 custom ammonia refrigeration system projects for food processing plants including; full plant refrigeration system installations, control system installs/upgrades, compressor/evaporator/condenser additions, etc
- Provided technical support and troubleshooting assistance to field technicians when addressing system performance/maintenance issues
- Developed and maintained Process Safety Management programs for ammonia refrigeration systems abiding by all applicable codes and standards

Applications Engineering Intern

May 2015 - August 2015

Altec Industries Incorporated, Creedmoor, NC

- Created and modified vehicle components and assemblies in SolidWorks for customer specific requests
- Assisted in the creation of a vehicle manual for a new unit being designed
- Ensured modified BOM for custom vehicle adjustments were integrated with manufacturing

Project Engineering Intern

May 2014 - August 2014

PotashCorp, Aurora, NC

- Assisted with the design and implementation of a truck scale, bulk conditioner, and air-flow heat exchanger
- Assisted with the conversion of a plant to produce LoMag phosphoric acid
- Edited various flow diagrams, electrical drawings, and other AutoCAD drawings

Skills

Certifications: *UNC Coding Boot Camp (2019)(In Progress)*

Coding Skills: Bootstrap, CSS, Express, HTML, JavaScript, jQuery, MySQL, Node.js, Python

Software Skills: AutoCAD, Matlab/Simulink, Revit MEP, SolidWorks

Activities and Honors

- Passed Principles and Practice of Engineering (PE) exam, 2018
- N.C. State University Honors Program, 2011-2015
- N.C. State Ski & Snowboard Club Marketing Officer, 2014-2015
- Habitat for Humanity Volunteer, 2016-Present
- 1st Place ME Senior Design Project - *Eight-Port Rotary Biomedical Value Testing Apparatus*
- Study Abroad Program: UNSW- Sydney, Australia, 2013