

Andrew Geiman

874 Sylva Drive
Marietta, Georgia 30066
ageiman@spsu.edu
(985)-290-5285

OBJECTIVE

Seeking a mechanical engineering Internship.

EDUCATION & CERTIFICATION

Bachelor of Science in Mechanical Engineering GPA 3.61 Expected: May 2015
Southern Polytechnic State University, Marietta, GA
High Voltage Safety Certified

RELEVANT SKILLS

SolidWorks Creator, AutoCAD, AutoCAD MEP, Revit, Microsoft Office, SAP, basic structural analysis, C++ and Diagnosing and repairing automobiles

PROJECTS

2013 AUV Competition Submarine

- Designed the structure of a sub using SolidWorks and procured the necessary parts.
- Performed stress calculations to determine if the design was stable and secure.
- Conducted fluid and motion analysis and testing.
- Performed any fabrication that the design specified.

Tracking Trains

- Created a program to track the movements of a train from incoming speed data.
- Sorted the data to give a clear position of the train's location.

ENGINEERING EXPERIENCE

Engineering Intern Siemens Industry, Alpharetta, GA Summer 2012

- Designed parts for a new Amtrak testing area and hybrid testing area and constructed the layout for hybrid production area.
- Planned the cooling system for Hybrid ELFA inverters.
- Completed the ISO procedures for the new test for hybrid Technology.
- Fabricated a control panel for a hybrid bus, as a member of the prototype team.
- Involved in the product procurement and supply chain process for both prototype test stations.

Engineering Intern Max Air Mechanical, Marietta, GA 2013-2014

- Dealt with city governments to procure permits and affidavits.
- Managed the intake of HVAC equipment to the warehouse.
- Survey job sites for all HVAC related equipment and draw what was seen in CAD.
- Engineered the air distribution system on multiple projects for maximum worker comfort.

OTHER EXPERIENCE

Move Manager Andrew Lesniak's Local Movers, Alpharetta, GA 2011- 2013

- Managed the Atlanta location, which averaged 2-3 moves a day.
- Coordinated twenty workers, two trucks and equipment to proper locations.

PROFESSIONAL AFFILIATIONS

Member, Autonomous Underwater Vehicle Team