350450 Georgia Tech Station
Atlanta, GA 30332-1635

(913)-314-2789
triton.wolfe@gmail.com

Triton Wolfe

Objective

Obtain an co-op or internship which utilizes my Engineering, Programing, and Creative Thinking.

Education

Georgia Institute of Technology [3.20/4.00 GPA] **Planned Graduation** [Dec, 2020]
Major: Chemical Engineering Third Year **Minor**: **Computer Science and Engineering**
Olathe North High School (Fall 2012 – Spring 2016) **Class Rank:** 1 / 561 [4.00/4.00]

Skills

Chemistry Knowledge: Thermodynamics, Molecular Orbital Theory, and Organic Chemistry.
Chemistry Skills: Light Spectroscopy, Vacuum Filtration, Paper Chromatography, and Titration.
Computer Skills: MATLAB, Java, JavaScript, SQL, C#, MS Office Suite, and Excel Accounting
Code Examples: https://github.com/triton-wolfe/gh-projects

Experience

Software Development Intern, Scriptpro **May 2018 – August 2018**
- ✓ Developed a web application for tracking of patients on valuable medication
- ✓ Created an in-app tool for formulation of protocols
- ✓ Documented a design for a future version of the application

Teaching Assistant for CS 1371: Computer Science for Engineers **August 2017 – Present**
- ✓ Taught the MATLAB programming language to students with little or no coding experience
- ✓ Architected a new Auto-grading software to grade student code
- ✓ Graded and deployed student homework grades quickly and efficiently
- ✓ Transitioned to a paid position January 2018

Treasurer for Triangle Fraternity Georgia Tech **January 2018 – Present**
- ✓ Created a budget to eliminate fraternity debt and grow fraternity savings by 150%
- ✓ Planned and executed a weekend event at a cabin for the entire group

Grand Challenges, Georgia Institute of Technology **Fall 2016 – Spring 2018**
- ✓ Created an engineering solution to solve sanitation issues in Lowndes County, Alabama
- ✓ Contacted experts to implement the solution
- ✓ Worked with residents to increase interest in final solution construction

National Science Bowl, Washington DC **Spring 2016**
- ✓ Competed on a flagship team of four students
- ✓ Earned a place on the national team from Kansas

Paid Internship funded by National Science Foundation, University of Kansas **Summer 2015**
- ✓ Utilized C++Root to find appropriate filters to cut extraneous data from the Large Hadron Collider
- ✓ Created algorithms to find evidence of fourth generation vector like quarks

Every Last Drop, Science City Exhibit, Kansas City, MO **Spring 2014**
- ✓ Worked in a team to design an exhibit focusing on water conservation and usage
- ✓ Presented the exhibit plan in the *'Battle of the Brains'* competition and the team won $50,000
- ✓ Worked with engineers at Burns and McDonell to build the exhibit

Research Intern at the Dept. of Environmental Engineering at Univ. of Kansas **Summer 2013**
- ✓ Grew 4 1,000-liter tanks of algae over the course of several weeks
- ✓ Tested samples of the algae through various laboratory procedures for biofuel favorable properties