
OBJECTIVE

To gain a summer internship or co-op position that employs and expands my software engineering, communication, and leadership skills.

EDUCATION

VIRGINIA TECH, COLLEGE OF ENGINEERING, Bachelor of Computer Science, Minor in Mathematics | (May 2017)

GPA: 3.8/4.0

- Coursework focused in software engineering, project management, engineering economics, data science, and mathematical problem solving.

PROFESSIONAL EXPERIENCE**RACKSPACE, SOFTWARE DEVELOPMENT ENGINEERING****MAY 2015 – AUGUST 2015**

- Designed, developed, tested, and shipped a Javascript based interactive tour for Rackspace's cloud control panel resulting in increased stack template purchases
- Worked within an agile scrum team to build out Rackspace's custom cloud provisioning web app

3M, RESEARCH AND DEVELOPMENT**MAY 2014 – AUGUST 2014**

- Developed controls to significantly increase processing speed for advanced manufacturing tooling
- Contributed to the development of an internal networking application using the Google Maps API

NATIONAL SCIENCE FOUNDATION, DIVISION OF ENGINEERING EDUCATION AND CENTERS**DEC, 2013; SUMMER 2013**

- Expedited a paper based faculty selection process by using Python and an SQLite database

RELEVANT ADDITIONAL EXPERIENCE**VIRGINIA TECH WEB & MOBILE APP DEVELOPMENT CLUB****2012 - 2015**

- Served as club president and increased average member retention rates through workshops
- Served as an educational leader to help all levels of developers create professional quality apps
- Organized dozens of technical & design workshops ranging from android to server-side JavaScript

VIRGINIA TECH CROWD LAB**2015**

- Researching and developing a Javascript and Python based crowdsourcing platform for multi-document analysis and visualization

HACKATHONS**2014 - 2015**

- Hacked and mentored at nearly every single MLH sponsored hackathon along the east coast

VIRGINIA TECH ACM ICPC PROGRAMMING TEAM**2014 - 2015**

- Researched and designed common and advanced algorithms for a variety of complex problems

ENTREPRENEURIAL VENTURES**2014 - 2015**

- Creating and marketing a superior quality mobile and web based motivational application

VIRGINIA TECH AUTONOMOUS MASTERY PROTOTYPING LAB**2013 - 2014**

- Provided leadership in the form of interviewing candidates, and coordinating research goals
- Managed projects related to open source 3D printing, computer vision, and Google glass

F.I.R.S.T. ROBOTICS**2008 - 2012**

- Served as a team captain and designed, programmed, and tested multiple robotic components

Skills

- Strong proficiency in Java, Android, Javascript, Node, C, Python, Git, and Linux
- Intermediate knowledge of SQL, Hadoop, AWS, Ruby, R, C++, and most prototyping tools

Activities

- Improv comedy, Mentoring at hackathons, Electronic music production, Photography
- International engineering experience with the Rising Sophomore Abroad Program