
OBJECTIVE

To obtain an internship or co-op position for the summer or fall of 2016 that employs and expands my software development, communication, and leadership skills.

EDUCATION

VIRGINIA TECH, COLLEGE OF ENGINEERING, Bachelor of Computer Science, Minor in Mathematics | (May 2016)

GPA: 3.9/4.0

- Honors college and Dean's list with excellence for 2012, 2013, 2014, and 2015.
- Coursework focused in software engineering, project management, engineering economics, and mathematical problem solving.

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

- Designed, developed, tested, and shipped code to production for new cloud control panel tools.
- Worked within an agile scrum team to improve Rackspace's custom cloud provisioning web app.

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

- Developed controls to increase processing efficiency for advanced manufacturing machinery.
- Contributed to the development of an internal networking web application.

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

- Expedited a faculty selection process using a unique database solution.
- Analyzed SWOT reports and generated useful content to improve a leadership council manual.

RELEVANT ADDITIONAL EXPERIENCE**VIRGINIA TECH ACM ICPC PROGRAMMING TEAM****2014 - 2015**

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

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

- Served as club founder & president and dramatically increased member retention rates.
- 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.

HACKATHONS**2014 - 2015**

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

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.

ENTREPRENEURIAL VENTURES**2014 - 2015**

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

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

- Served as a team captain and designed, programmed, and tested multiple robotic components in an effort to produce the best design for the given challenge.

Skills

- Strong proficiency in Java, Javascript, Android, C, Git, HTML, CSS, Linux, Python, and Ruby
- Intermediate knowledge of R, C++, and most prototyping tools

Activities

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

References available upon request