

PERSONAL STATEMENT

I am a junior Computer Science and Economics student seeking a summer internship in engineering. In the past, I have joined teams and become an active contributor from day one.

I love continuously learning and solving hard problems using modern techniques. I look forward to working with a team that shares my passion and energy!

EDUCATION

Carleton College, Liberal Arts College in Minnesota
Class of 2016, B.A. Computer Science, Economics



Coursework

- Software Design
- Discrete Mathematics
- Programming Languages
- Organization and Architecture
- Mobile Development
- Computability and Complexity
- Price Theory
- Game Theory
- International Trade

PROGRAMMING PROJECTS

Browser Engine

Oct. 2014 — Present

Creating a browser from scratch including request, layout, and rendering engines in order to learn web technologies and Rust.

CarlDraw

Apr. 2014 — May 2014

Brought 16 students together to create an app that provided real time tracking of Carleton's Room Draw. Engaged 75% of the student body in 24 hours.

Scheme Interpreter

Jan. 2014 — Mar. 2014

Worked in a team of three to write an interpreter for Scheme, a lisp dialect in C for CS 251: Programming Languages.

ACTIVITIES

- Director of Finance, Carleton Developer's Exchange (DevX)
- Student-at-Large, Carleton Academic Standing Committee
- Tech Advisor & Treasurer, Carleton Entrepreneurship Club
- Member, Carleton Investment Group
- Midfielder, Carleton Club Lacrosse

INTERESTS

Web Development, Optimization, Quadcopters, 3D printing, SCUBA diving (PADI Open Water Diver), FCC Amateur Radio (General Class License)

WORK EXPERIENCE



KPCB Engineering Fellow - Synack

Jun. 2015 — Present

- Extended a RESTful API at the core of a distributed system, tuning for performance and ease of use.
- Researched security vulnerabilities in partner websites, software, and devices.



Residential Assistant - Carleton College

Aug. 2014 — Present

- Promoted academic excellence, addressed student needs, and encourage involvement among residents in a way that supported the mission of the college and the Office of Residential Life.
- Led student-centered hall programs to promote education, diversity, and health.
- Budgeted and allocated funds used for hall and floor events.



Software Engineering Intern - Twitter

Jun. 2014 — Aug. 2014

- Worked with a team to develop a permission management security system.
- Built enterprise back-end systems in Scala for Twitter's TV Platform team.



Full Stack Web Developer & Data Engineer - CMN.com

Jan. 2012 — Jun. 2014

- Created business intelligence applications to gather and analyze data.
- Hired and personally managed over 30 off-shore contractors to assist in data gathering.
- Worked full-time during academic breaks and provided application support throughout the term.

DISTINCTIONS



FIRST PLACE

UHack 2014 Hackathon

Built a social shopping webapp using Meteor.js and the Target.com API with a team of 3.



EAGLE SCOUT

Boy Scouts of America

Completed the requirements to earn the rank of Eagle Scout in the Boy Scouts of America. Organized a 100-man-hour project.

TECHNICAL SKILLS

Programming Languages:

- Python
- Javascript (Node.js, jQuery)
- Scala
- Java
- C
- PHP
- HTML5/CSS3

Applications:

- PostgreSQL
- MySQL/MariaDB
- MongoDB
- Manhattan (K/V store)