Sky Rose

sky.q.rose@gmail.com

93 Marion St Somerville, MA 02143 802-989-3063

Pittsburgh, PA

Cambridge, MA June 2016 - Nov. 2016

Palo Alto, CA

Summer 2015

San Francisco, CA Summer 2014

Pittsburgh, PA

Dorchester, MA Oct. 2016 - June 2017

Pittsburgh, PA

Fall 2014

Spring 2013 - Fall 2014

Fall 2015

May 2016

Purpose

I'm looking for a full time job in software engineering. My interests are in code quality and maintenance and in education.

Education

Carnegie Mellon University

GPA: 3.42/4.0

Computer Science Major

Math Minor University Honors

Experience

HubSpot

Software Engineer

- Maintained the backends and APIs of three Dropwizard web apps.
- Migrated some customer data from an outside system to our own.
- Owned the entire backend of the datamodels for a new chat app, from SQL schema to API endpoints to testing to migration from an older app.
- Improved code quality, abtractions, and tests and did other maintenance.

Palantir

Engineering Intern

- Designed, wrote, and used a server-side API for a new maps library.
 - Focused on configurability and making future maps applications easier.

Asana

Engineering Intern

• Wrote and maintained JavaScript for the web app frontend.

Teaching

Carnegie Mellon University

Teaching Assistant - Intro to Unix for Freshmen - Student-run course

• Wrote and gave lectures on Bash, Git, and other tools and skills.

Course Assistant - Fundamentals of Programming (Python)

• Grading, tutoring, leading recitations

Girls Who Code

Club Facilitator at the Brookview House

- Led 8 girls aged 10 to 19 weekly.
 - Taught basic programming skills and concepts in Scratch.
 - Taught HTML and CSS for simple websites.

Skills

Java, Git, Linux, Functional Programming, Guice Dependency Injection, C, Dropwizard, Python, Bash, Vim, MySQL, JavaScript, LATEX, GDB,

Academic Achievements **Operating Systems Project Course**

• Multi-threaded, single core, with virtual memory and exception handling.

• Designed and wrote everything from the device drivers up.

• Also wrote a user-space thread synchronization library.

Putnam Contest

December 2013, Score: 30 (top 300)

December 2014, Score: 21

Courses

- Operating Systems
- Programming Language Theory
- Lambda Calculus
- Combinatorics

- Algorithm Design and Analysis
- Probability and Computing
- Computer Graphics

• Intro to Computer and Network Security