Sky Rose

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

Education

Carnegie Mellon University

GPA: 3.42/4.0

Computer Science Major

Math Minor University Honors

Experience

HubSpot

Software Engineer

• Maintained the APIs of three Dropwizard web apps.

- Migrated the source of truth of some customer data between two separate
- Owned the entire backend of the datamodels for a new chat app, from SQL schema to API endpoints to testing to migration.
- Made numerous code quality improvements, abtraction fixes, tests, and other maintenance.

Palantir Summer 2015 Engineering Intern

- Designed and wrote a server-side API for a new maps library.
- Replaced legacy maps code with the new extensible library.
- Focused on making configuration easy.
- Made it easier to make future maps applications.

Asana San Francisco, CA Summer 2014

Engineering Intern

- Improved a number of views.
- Wrote asynchronous jobs for a new digest email.
- Rewrote the log processor that checks if the site is up.

Teaching Carnegie Mellon University

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

• Wrote and gave lectures.

Course Assistant - Fundamentals of Programming (Python)

• Grading, tutoring, leading recitations

Girls Who Code Dorcester, MA Oct. 2016 - June 2017

Club Facillitator at the Brookview House

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

Academic Achievements

Skills

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.
- Worked with a partner.

Putnam Contest

December 2013, Score: 30 (top 300) December 2014, Score: 21

Courses • Operating Systems

- Programming Language Theory
- Lambda Calculus
- Combinatorics

- Intro to Computer and Network Security
- Algorithm Design and Analysis
- Probability and Computing
- Computer Graphics

Pittsburgh, PA May 2016

Cambridge, MA

June 2016 - Nov. 2016

Palo Alto, CA

Pittsburgh, PA

Pittsburgh, PA

Fall 2014

Spring 2013 - Fall 2014

Fall 2015

Updated November 22, 2016