Sky Rose

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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 10 girls aged 10 to 19.

• Taught basic programming skills and concepts in Scratch.

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

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

Cambridge, MA June 2016 - Nov. 2016

Pittsburgh, PA

May 2016

Palo Alto, CA

Summer 2015

San Francisco, CA Summer 2014

Pittsburgh, PA

Dorcester, MA

Pittsburgh, PA

Fall 2014

Spring 2013 - Fall 2014

Oct. 2016 - June 2017

Fall 2015

Updated January 19, 2017