Sky Rose

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Education	**Carnegie Mellon University**	Pittsburgh, PA
	GPA: 3.42/4.0	May 2016

Computer Science Major
Math Minor
University Honors

Experience

MBTA Customer Technology — Boston, MA
Software Engineer — July 2017 - current

HubSpot — Cambridge, MA
Software Engineer — June 2016 - Nov. 2016
- 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 — Palo Alto, CA
Engineering Intern — Summer 2015
- Designed, wrote, and used a server-side API for a new maps library.
- Focused on configurability and making future maps applications easier.

Asana — San Francisco, CA
Engineering Intern — Summer 2014
- Wrote and maintained JavaScript for the web app frontend.

Teaching

Carnegie Mellon University — Pittsburgh, PA
Teaching Assistant – Intro to Unix for Freshmen – Student-run course — Fall 2015
- Wrote and gave lectures on Bash, Git, and other tools and skills.

Course Assistant – Fundamentals of Programming (Python) — Spring 2013 - Fall 2014
- Grading, tutoring, leading recitations

Girls Who Code — Dorchester, MA
Club Facillitator at the Brookview House — Oct. 2016 - June 2017
- 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 — Pittsburgh, PA — Fall 2014
- 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
- Intro to Computer and Network Security
- Algorithm Design and Analysis
- Computer Graphics