



sky.q.rose@gmail.com

sky.q.rose@gmail.com

Education	<b>Carnegie Mellon University</b> GPA: 3.42/4.0 Computer Science Major Math Minor University Honors	Pittsburgh, PA May 2016
Experience	<b>MBTA Customer Technology</b> <i>Full Stack Software Engineer – Website</i> <ul style="list-style-type: none"><li>Contributed before and after launch of new website in Sept 2017.</li><li>Made several parts of the site more accessible.</li><li>Allowed several parts of the site to be updated via the CMS instead of requiring code changes, which speeds up the release of new information.</li><li>Increased reliability.</li><li>Saved money by reducing calls to the Google Maps API.</li><li>Surfaced alerts and other actionable information in the trip planner.</li><li>Interviewed new candidates.</li></ul> <i>Glides Project – Improving access to information for Green Line operations</i> <ul style="list-style-type: none"><li>Interviewed Green Line inspectors, dispatchers, and supervisors to find what information would be useful to them.</li></ul>	Boston, MA July 2017 - Nov 2017
	<b>HubSpot</b> <i>Software Engineer</i> <ul style="list-style-type: none"><li>Maintained the backends and APIs of three Dropwizard web apps.</li><li>Migrated some customer data from an outside system to our own.</li><li>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.</li><li>Improved code quality, abstractions, and tests and did other maintenance.</li></ul>	Cambridge, MA June 2016 - Nov. 2016
	<b>Palantir</b> <i>Engineering Intern</i> <ul style="list-style-type: none"><li>Designed, wrote, and used a server-side API for a new maps library.</li><li>Focused on configurability and making future maps applications easier.</li></ul>	Palo Alto, CA Summer 2015
	<b>Asana</b> <i>Engineering Intern</i> <ul style="list-style-type: none"><li>Wrote and maintained JavaScript for the web app frontend.</li></ul>	San Francisco, CA Summer 2014
	<b>Carnegie Mellon University</b> <i>Teaching Assistant – Intro to Unix for Freshmen – Student-run course</i> <ul style="list-style-type: none"><li>Wrote and gave lectures on Bash, Git, and other tools and skills.</li></ul> <i>Course Assistant – Fundamentals of Programming (Python)</i> <ul style="list-style-type: none"><li>Grading, tutoring, leading recitations</li></ul>	Pittsburgh, PA Fall 2015 Spring 2013 - Fall 2014
Teaching	<b>Girls Who Code</b> <i>Club Facilitator at the Brookview House</i> <ul style="list-style-type: none"><li>Led 8 girls aged 10 to 19 weekly.</li><li>Taught basic programming skills and concepts in Scratch.</li><li>Taught HTML and CSS for simple websites.</li></ul>	Dorchester, MA Oct. 2016 - June 2017
	Skills	Java, Git, Linux, Functional Programming, Guice Dependency Injection, C, Dropwizard, Python, Bash, Vim, MySQL, JavaScript, L <sup>A</sup> T <sub>E</sub> X, GDB,
Academic Achievements	<b>Operating Systems Project Course</b> <ul style="list-style-type: none"><li>Multi-threaded, single core, with virtual memory and exception handling.</li><li>Designed and wrote everything from the device drivers up.</li><li>Also wrote a user-space thread synchronization library.</li></ul>	Pittsburgh, PA Fall 2014

Putnam Contest