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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 | Pittsburgh, PA May 2016 |
| Experience | HubSpot <i>Software Engineer</i> <ul style="list-style-type: none">• 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, abstractions, and tests and did other maintenance. Palantir <i>Engineering Intern</i> <ul style="list-style-type: none">• Designed, wrote, and used a server-side API for a new maps library.• Focused on configurability and making future maps applications easier. Asana <i>Engineering Intern</i> <ul style="list-style-type: none">• Wrote and maintained JavaScript for the web app frontend. | Cambridge, MA June 2016 - Nov. 2016 Palo Alto, CA Summer 2015 San Francisco, CA Summer 2014 |
| Teaching | Carnegie Mellon University <i>Teaching Assistant – Intro to Unix for Freshmen – Student-run course</i> <ul style="list-style-type: none">• Wrote and gave lectures on Bash, Git, and other tools and skills. <i>Course Assistant – Fundamentals of Programming (Python)</i> <ul style="list-style-type: none">• Grading, tutoring, leading recitations Girls Who Code <i>Club Facilitator at the Brookview House</i> <ul style="list-style-type: none">• Led 10 girls aged 10 to 19.• Taught basic programming skills and concepts in Scratch. | Pittsburgh, PA Fall 2015 Spring 2013 - Fall 2014 Dorchester, MA Oct. 2016 - June 2017 |
| Skills | Java, Git, Linux, Functional Programming, Guice Dependency Injection C, Dropwizard, Python, Bash, Vim, MySQL, JavaScript, L ^A T _E X, GDB, | |
| Academic Achievements | Operating Systems Project Course <ul style="list-style-type: none">• 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 | Pittsburgh, PA Fall 2014 |
| Courses | <ul style="list-style-type: none">• Operating Systems• Programming Language Theory• Lambda Calculus• Combinatorics• Intro to Computer and Network Security• Algorithm Design and Analysis• Probability and Computing• Computer Graphics | |