

## Work Experience

- |  |                 |                     |
|--|-----------------|---------------------|
| <b>Spell</b> ( <i>Software Engineer</i> )  | New York, NY    | Apr 2019 - present  |
| <ul style="list-style-type: none"> <li>✉ Owned the web frontend of <a href="#">Spell</a>: a code execution platform for data scientists to run ML experiments in the cloud (startup with 8 engineers) <ul style="list-style-type: none"> <li>○ Implemented/launched new features in the web: GitHub integration, re-runs, pins, labels, and more</li> <li>○ Integrated chat service <a href="#">Intercom</a> to allow sales team to connect with prospective customers faster</li> <li>○ Implemented server-side rendering of home pages to improve SEO</li> <li>○ Improved Google Analytics integration: cross-domain session tracking, custom user action reporting</li> <li>○ Reviewed frontend designs/PRs, worked directly with sales/marketing/PM/UX, hosted SWE intern</li> </ul> </li> <li>✉ Coded in JavaScript (client), Go (server), Python (CLI tools, Jupyter notebooks) <ul style="list-style-type: none"> <li>○ Some tools used: React, Redux, Webpack, Babel, SASS, Node, PostgreSQL</li> </ul> </li> </ul>  |                 |                     |
| <b>Google</b> ( <i>SWE II → SWE III → Senior Software Engineer</i> )   | New York, NY    | Apr 2013 - Aug 2018 |
| <ul style="list-style-type: none"> <li>✉ <b>Google Docs</b> (Apr 2013 - Apr 2017) <ul style="list-style-type: none"> <li>○ Implemented/launched new features for Docs: spellcheck dialog, image cropping, suggest changes, changes since last viewed, non-standard font weights, first page headers/footers, and many, many more <ul style="list-style-type: none"> <li>■ Built features used by millions of users daily, generated good press for Docs, and unblocked deal-breaking feature requests for Docs adoption by paying enterprise/EDU customers</li> <li>■ Co-inventor on Google patent "Systems and methods for managing suggested edits in a collaborative document editing environment" (<a href="#">link</a>)</li> </ul> </li> <li>○ Acted as tech lead for various projects: delegated tasks for junior engineers, communicated project status to stakeholders, reviewed technical designs</li> <li>○ Led daily bug triage, authored guide and gave talks on dashboarding/metrics reporting, hosted SWE intern</li> </ul> </li> <li>✉ <b>Google Sites</b> (Apr 2017 - Aug 2018) <ul style="list-style-type: none"> <li>○ Implemented and launched migration tools to move users from Classic Sites to New Sites <ul style="list-style-type: none"> <li>■ Allowed for the migration of hundreds of thousands of Classic Sites</li> <li>■ Contributed to the long-term goal of deprecating and eventually turning down Classic Sites</li> </ul> </li> </ul> </li> <li>✉ Coded in JavaScript (client), Java (server)</li> </ul> |                 |                     |
| <b>Google</b> ( <i>SWE Intern</i> )  | London, England | Jun - Aug 2012      |
| <ul style="list-style-type: none"> <li>✉ Launched app search and crash reporting system (written in Java) for the Google Play Console</li> </ul>   |                 |                     |
| <b>Google</b> ( <i>SWE Intern</i> )  | Cambridge, MA   | Jun - Aug 2011      |
| <ul style="list-style-type: none"> <li>✉ Prototyped Chrome extension (written in JavaScript) to display trustworthiness ratings of Google search results</li> </ul>  |                 |                     |

## Selected Projects

- |  |               |                        |
|--|---------------|------------------------|
| <b><a href="#">StudyOpenings.com</a></b>   | New York, NY  | Nov 2018 - present     |
| <ul style="list-style-type: none"> <li>✉ Founded and built a free, open-source web application to help chess players memorize opening repertoires</li> <li>✉ Written in TypeScript, uses Node, MongoDB, Webpack, Heroku</li> </ul>                         |               |                        |
| <b>MIT Battlecode (AI competition)</b>   | Cambridge, MA | 2011, 2012, 2013, 2016 |
| <ul style="list-style-type: none"> <li>✉ Built a bot (in Java) that played a strategy game against other contestants as part of a month-long contest</li> <li>✉ Won 1st place (out of &gt;100 MIT teams) in 2012 (<a href="#">hall of fame</a>)</li> </ul> |               |                        |
| <b>Cornell Cup USA (robotics competition)</b>  | Orlando, FL   | May 2012               |
| <ul style="list-style-type: none"> <li>✉ Built a computer vision system (in Python) for a liquid-handling robot using an off-the-shelf webcam</li> <li>✉ Won 3rd place (out of 24 teams) (<a href="#">press</a>)</li> </ul>                                |               |                        |

## Education

- |   |               |                |
|---|---------------|----------------|
| <b><a href="#">Recurse Center</a></b>   | Brooklyn, NY  | Nov - Dec 2018 |
| <b>Massachusetts Institute of Technology</b>  | Cambridge, MA | 2009 - 2013    |
| <ul style="list-style-type: none"> <li>✉ B.S. in Computer Science, Math (double major), GPA: 4.6 / 5.0</li> <li>✉ Selected extracurricular activities: MIT EECS Department teaching assistant, MIT Chess Club webmaster, Harvard-MIT Math Tournament problem writer, USA Math Olympiad qualifier</li> </ul> |               |                |