Agustin O Venezuela III

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Work Experience

Google (Senior *Software Engineer*)   New York, NY   Sep 2019 - present
- ✠ Google Daydream (Sep 2019 - present)
  - ○ ¯_(ツ)_/¯

Spell (*Software Engineer*)   New York, NY   Apr 2019 - Aug 2019
- ✠ Owned the web frontend of Spell: a code execution platform for data scientists to run ML experiments in the cloud (startup with 8 engineers)
  - ○ Implemented/launched new features in the web: GitHub integration, re-runs, pins, labels, and more
  - ○ Integrated chat service Intercom to allow sales team to connect with prospective customers faster
  - ○ Implemented server-side rendering of home pages to improve SEO
  - ○ Improved Google Analytics integration: cross-domain session tracking, custom user action reporting
  - ○ Reviewed frontend designs/PRs, worked directly with sales/marketing/PM/UX, hosted SWE intern
- ✠ Coded in JavaScript (client), Go (server), Python (CLI tools, Jupyter notebooks)
  - ○ Some tools used: React, Redux, Webpack, Babel, SASS, Node, PostgreSQL

Google (*SWE II → SWE III → Senior Software Engineer*)   New York, NY   Apr 2013 - Aug 2018
- ✠ Google Docs (Apr 2013 - Apr 2017)
  - ○ 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
    - ■ 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
    - ■ Co-inventor on Google patent "Systems and methods for managing suggested edits in a collaborative document editing environment" (link)
  - ○ Acted as tech lead for various projects: delegated tasks for junior engineers, communicated project status to stakeholders, reviewed technical designs
  - ○ Led daily bug triage, authored guide and gave talks on dashboarding/metrics reporting, hosted SWE intern
- ✠ Google Sites (Apr 2017 - Aug 2018)
  - ○ Implemented and launched migration tools to move users from Classic Sites to New Sites
    - ■ Allowed for the migration of hundreds of thousands of Classic Sites
    - ■ Contributed to the long-term goal of deprecating and eventually turning down Classic Sites
- ✠ Coded in JavaScript (client), Java (server)

Google (*SWE Intern*)   London, England   Jun - Aug 2012
- ✠ Launched app search and crash reporting system (written in Java) for the Google Play Console

Google (*SWE Intern*)   Cambridge, MA   Jun - Aug 2011
- ✠ Prototyped Chrome extension (written in JavaScript) to display trustworthiness ratings of Google search results

Selected Projects

StudyOpenings.com   New York, NY   Nov 2018 - present
- ✠ Founded and built a free, open-source web application to help chess players memorize opening repertoires
- ✠ Written in TypeScript, uses Node, MongoDB, Webpack, Heroku

MIT Battlecode (AI competition)   Cambridge, MA   2011, 2012, 2013, 2016
- ✠ Built a bot (in Java) that played a strategy game against other contestants as part of a month-long contest
- ✠ Won 1st place (out of >100 MIT teams) in 2012 (hall of fame)

Cornell Cup USA (robotics competition)   Orlando, FL   May 2012
- ✠ Built a computer vision system (in Python) for a liquid-handling robot using an off-the-shelf webcam
- ✠ Won 3rd place (out of 24 teams) (press)

Education

Recurse Center   Brooklyn, NY   Nov - Dec 2018
Massachusetts Institute of Technology   Cambridge, MA   2009 - 2013
- ✠ B.S. in Computer Science, Math (double major), GPA: 4.6 / 5.0