

JAKE SEATON

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EXPERIENCE

Google (May '18 – Aug. '18)

San Francisco, CA

- **Engineer, Google Cloud:** Used Google Cloud Functions and Node.js to single-handedly design, build and open-source the Cloud Maker Showcase Demo presented at Google Cloud Next '18 to 21,000 attendees.
- **Developer Advocate, Google Cloud:** Sustained dialogue about Cloud after Next by producing blog posts, videos, and tech talks.

Quorum Analytics (Jun. '15 – Aug. '17)

Washington, DC

- **Early Employee (5th):** Dropped out of Harvard for two years to bootstrap a team of five into a growing company of fifty. Quorum builds software that aggregates and analyzes data from the US Congress, state legislatures, and the European Union.
- **Director of Frontend Engineering:** Executed overhaul of software platform as a Single Page Application using an original stack of React, Redux, Django, and Webpack. Reduced page load time for data-intensive features from 10 seconds to 10 milliseconds and increased JS test coverage from 0% to 95%. Recruited, hired, and managed a team of 3-5 engineers and interns.
- **Product Management:** Increased average contract size from \$5k to \$25k by designing collaboration features for teams instead of individuals resulting in higher revenue, usage and retention rates. For example, single handedly built an automated, customizable, browser-based spreadsheet to disrupt Google Sheets/Microsoft Excel for collaboration on legislative tracking and targeting.
- **Developer Advocacy:** Deleted 1.8 million lines of code by writing internal libraries for communication between Django and React, abstracting REST queries behind a Javascript emulation of the Django ORM so that developers would only have to learn one set of query semantics. Started Quorum's engineering blog "Qbits," earning 5,000 views on flagship Medium article.

Other

Cambridge, MA

- **Co-Authored Research in Computational Linguistics:** Presented at Edinburgh Symposium of Historical Phonology '15 with method of using neural networks to simulate multi-generational linguistic evolution and quantify the impact of population collision on language change. Resulting paper accepted as co-author's Master's thesis by UC-Berkeley.
- **Harvard Lampoon Technology Board:** Taught self to create software using online resources in the spring of 2015, dropping one class to single-handedly build a Chrome Extension, a Meteor.js web app, and an iOS app using Swift for the Harvard Lampoon.
- **Languages/Technologies:** Intimate understanding of Google Cloud, AWS, React, Node, Python, Django, PostgreSQL, HTML, CSS. Familiarity with C, React Native, Swift, Electron, Meteor. Exposure to C, C#, C++, Java, Unity.

EDUCATION

Harvard University

Cambridge, MA

- Bachelor of Arts in Computer Science '19, GPA 3.75

LEADERSHIP AND ACTIVITIES

Harvard Innovation Lab ('17-Present)

Cambridge MA

- **Venture Incubation Program:** Incubated retail technology startup in the VIP and the SEAS Startup R+D seminar. Competed in the President's Innovation Challenge and six other pitch competitions.
- **Technical Startup Consultant:** Hired by Radcliffe Institute for Advanced Study to advise technology startup Uneaux.

Harvard First-Year Outdoor Program ('14-Present)

Cambridge MA

- **FOP Leader:** Planned and led five-day pre-orientation hiking trips, designed to prepare incoming students for college through wilderness adventure, self-reflection, and interpersonal connection. Lead 6 trips throughout college.

Harvard Advocate ('14-Present)

Cambridge MA

- **Executive/Art Board Member:** Editorial role in publication of student and professional artwork in the Harvard Advocate. Promoted the arts on campus by organizing fourteen events including poetry readings, art installations, and performances.

Speech & Debate ('09- Present)

Cambridge MA, Manhattan KS

- **Peer Speaking Tutor:** Hired by Harvard Writing Department to provide speaking and presentation mentorship to undergraduates.
- **Harvard Debate Council:** Recruited to compete for Harvard in policy debate. Attended eight tournaments in '13-'14 year.
- **National Speech and Debate Association All American ('13)**
- **Two Time State Champion** in Oratory and Extemporaneous Speaking.