

EDUCATION

---

**University of Washington**

*B.S. Computer Science, Data Science option, 2018*

**Selected Coursework:** Algorithms, Data Visualization, Databases, Machine Learning, NLP. **3.53 GPA.**

EXPERIENCE

---

**Oscar Health**

*Product Management Intern, Summer 2017*

**Led redesign of member ID cards:** conducted **50+ surveys** of members and support staff, decreased permutations **by an order of magnitude**, and streamlined printing process. Helped start product analytics effort with a specific focus on member acquisition.

**Harvard Kennedy School**

*Data & Software Engineering Intern, Summer 2016*

Worked with research fellows in the Growth Lab of the Center for International Development. **Investigated large data sets**, extracted compelling stories, and **wrote effective, explorable interactive explanations**. Helped create research figures **published in a Nature paper**.

**Change.org**

*Software Engineering Intern, Summer 2013*

**Helped found the mobile team.** Audited the extent API, then researched and lead a plan to architect a new API, fully decoupled from the core codebase. **Built a cross-platform mobile app** for signature canvassing. Deployed key fixes and new features to the core web product.

RESEARCH

---

**Interactive Data Lab**

*Research Assistant, 2015 – 2018*

**Worked under Prof. Jeffrey Heer** and Ph.D. students Dominik M. and Kanit W. Contributed to language design & development of the open-source Vega-Lite visualization grammar. **Adding geo projections and auto labeling.**

SKILLS

---

**Languages:** Python, Java, Ruby, JavaScript, TypeScript, Node.js, HTML, CSS, SQL, R, PHP, Bash, Vega.

**Tools:** Pandas, Jupyter, Flask, Rails, git, BigQuery, D3, Tableau, Sketch, Adobe (AI, PS, ID), AWS (S3, EC2, CF).

**FiveThirtyEight**

*Visual Journalism Intern, Fall 2016*

Created static and interactive data visualizations **viewed by 1,000,000+** which accompanied political coverage of the 2016 Presidential Election by Nate Silver and other writers. **Work displayed on The Daily Show and shared widely across other media.**

**Politify**

*Product Design & Engineering Intern, Summer 2015*

Designed and developed three one-off interactive websites. **Created a style guide framework** and accompanying build scripts. **Wrote scraping and automation tools** for data aggregation. **Ideated and road-mapped new projects.**

**Uber**

*Software Engineering Intern, Summer 2012*

**Worked as the only engineering intern** while Uber was a small startup. Added new features and contributed bugfixes to the core application that powers user and partner accounts. **Assisted in launching uberTAXI** and **helped come up with promotions like Uber Ice Cream.**

PROJECTS

---

**Explorable Exit Polls** Interactive primary polls (D3.js)

**Quilt Videos** Make famous people say anything (JS)

**MailtoApp** Hide your email behind a ml.to URL (Ruby)

**Chatbase** Multi-room chat with communities (Node)

**Index ID** Centralized web identity platform (Python)

**Simple Drive** Turn a device into a flash drive (Obj-C)