

EDUCATION

University of Washington

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

Selected Coursework: Algorithms, Data Visualization, Databases, PL, Stats, 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. **Added geo projections.**

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).

Authorized to work in **U.S.** and **E.U.**

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.**

Midnight Labs (tbh app)

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)