EDUCATION

Harvard University(2016 – Present)

* **A.B. Candidate**, May 2020
* **GPA:** 3.6
* **Concentration:** Computer Science
* **Selected Coursework**: Systems Programming and Machine Organization; CS 51 (Abstraction and Design in Computation); CS121 (Theory of Computation); CS20 (Discrete Math); ES50 (Electrical Engineering and Circuit Design); Math 21 (Multivariable Calculus and Linear Algebra);

### EXPERIENCE

Hillary for America *Software Engineer and Team Lead*(2015)

Hillary for America ran the Clinton presidential campaign, the largest digital campaign in history.

* Created internal fundraising tool that tracked and raised over $150,000 in donations
* Developed tool to easily hot-swap images in emails after delivery; application was used to give live updates to over 3 million recipients
* Automated vetting of corporations and people, saving multiple person-hours per vetting
* Created web scrapers to automate daily reporting, saving over 2 person-hours per day
* Worked on migration of dataflow infrastructure to a more robust, open source platform

NGP VAN *Developer Intern*(2014) NGP VAN is the leading technology provider to progressive campaigns and organizations.

* Helped create web application and graph database to aggregate user data from disparate internal websites and scrape social media to create targeted user profiles
* Created internal tool to gamify clean coding

Eventkloud *Developer Intern* (2013)

EventKloud is a audience-driven marketing & advertising automation platform for events.

* Created dedicated mobile site, reducing page load times twofold
* Created geographic dashboard to streamline sales process

### Fellowships

Radcliffe Institute *Research Partner* (2017-Present)

* Worked with Radcliffe Fellow Zia Haider Rahman to use network analysis, along with d3 in order to create a web based resource to map the world’s elites

**World Youth Economic Forum** *Director* (2017)

* Ran a 40 person, four day committee studying the economics of the tech industry

SKILLS

Languages: Javascript, Python, Haskell, OCaml

Libraries/Frameworks: React, Redux/Flux, Hapi.js, Rails, d3.js

Databases: Postgres, Vertica, Neo4j

INTERESTS

Robotics: Designed, builtand programmed state qualifying robot for the First Tech Challenge

Cooking:Completed Ballymaloe Cookery School 12 Week Certificate course

Hiking: Eagle Scout, Hiked Pacific Crest Trail