

Michael Fine

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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 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, built and 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