

# 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 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, 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