

## EXPERIENCE

### **Middesk Founding Engineer**

Sep 2019 - Present

- Building the next generation business background check and creating trusted relationships between businesses.

### **8vc Engineer & Investment Associate.**

Jan 2019 - Sep. 2019

- Made seed and series A investments in security, automation and SaaS businesses alongside partner & CTO Bhaskar Ghosh.
- Built operations tooling for 8vc to better understand where the firm is dedicating their resources.

### **Google Software Engineering Intern.**

June 2018 - September 2018

- Built the Seasonal Savings assistant for Nest devices; it promotes efficient energy consumption while ensuring comfort in your household.
- The assistant leveraged gRPC to asynchronously change or disable heating and cooling per energy bandwidth. Originally written in Scala, I moved the whole service to Java due to Google Hardware language requirements.

### **Yelp Software Engineering Intern.**

September 2017 - January 2018

- Worked with Yelp's Elastic Search instances and cluster distribution to optimize Business review search.
- Interfaced with Distributed Systems & Content Understanding teams to re-distribute over 100M+ reviews using an improved ES schema and architecture.
- Recency of results improved by 40%. Search times reduced from 2 seconds to under 0.5s.

### **Mailchimp Software Engineering Intern.**

June 2017 - September 2017

- Built a realtime notification system for Mailchimp's deployment pipeline. It identified in Travis-CI, Docker & Github.
- Error results were surfaced on Graphana; the result was a an increase in successful-ship-rate and a deeper understanding of Mailchimp's developer bottlenecks.

### **Gradfire Co-Founder & Engineer.**

June 2014 - August 2017

- Crowdsourced students transcripts to personalize student course selection. PySpark powered course recommendations. ReactJS, PSQl & Flask were responsible for the end-to-end platform experience.
- 5K+ registered students & more than 10M+ visits to date.
- Part of the Citris Foundry Accelerator at Haas School of Business, UC Berkeley.

## EDUCATION

I. Bachelors of Science in Computer Science at the University of California, Davis – GPA 3.45.

II. Eagle Scout Rank of the Boy Scouts of America