

## EDUCATION

### University of California, Berkeley

Aug 2015 - Dec 2018

- Bachelor of Science in Computer Science and Engineering (EECS)
- Graduated Summa Cum Laude (**GPA: 3.98**)
- Relevant coursework: Machine Learning; Artificial Intelligence; Algorithms; Linear Algebra; Discrete Math and Probability; Data Structures; Machine Structures; Designing Information Devices and Systems

## TECHNICAL EXPERIENCE

### ML Platform: Software Engineer II | DataVisor

Jan 2019 - Present

- Led development and training for all real-time systems in DataVisor's SaaS products. Flink, Kafka
- Integrated Kafka into company infrastructure for real-time monitoring of detection results. Kafka, AWS, Aliyun
- After architecting a new real-time detection system, directed a team of 6 engineers through execution. Flink, Cassandra, Kafka, Spark
- Strong experience with data engineering, product management, and real-time systems

### ML Platform: Engineering Intern | DataVisor

May 2018 - Aug 2018

- Developed and debugged unsupervised machine learning system for real-time fraud detection
- Analyzed and visualized real-time detection logs using Spark

### Technical Project Manager | Machine Learning @ Berkeley

Jan 2017 - Dec 2018

- Managed all education initiatives including student led classes, workshops, and internal training programs
- Led team of 6-8 engineers to design and build production-ready machine-learning models

### Software Engineering Intern | Apple

May 2017 - Aug 2017

- Created scalable, interactive data visualizations using D3.js

### Director | Cal Hacks

Feb 2016 - Aug 2017

- Developed website for Cal Hacks; manage leads on sponsorship team tasked with filling a \$350k budget

### Head iOS Instructor | Mobile Developers of Berkeley

Feb 2016 - May 2017

- Taught 10-15 novice programming students per semester to ideate and develop iOS apps in small teams
- Hosted industry speaker panels and app fairs, and led weekly Swift training workshops

## PROJECTS

### Product Sentiment Analysis

Jan 2017 - Dec 2017

- Tool for sentence-level sentiment classification of consumer product video transcripts
- Model overview: LSTM based with single convolutional layer. TensorFlow, Keras, Python, Flask

### Thought Lounge Web App | [thoughtlounge.org](http://thoughtlounge.org)

Nov 2015 - May 2017

- Real-time web application used at 10 universities in the US. Enables community discourse by allowing hosts to create "lounges" and connect with participants. Meteor.js, MongoDB, JavaScript, HTML, CSS

## AWARDS

- **Edward Frank Kraft Award:** For highest scholastic records at the University of California, Berkeley. (Dec 2015)
- **National Merit Finalist:** Awarded to top ranking students in the National Merit Scholar Program. (Feb 2015)

## LANGUAGES & TECHNOLOGIES

- Java; Python; Swift; JavaScript; CQL; SQL; Objective-C; C; HTML; CSS
- Kafka; Flink; Cassandra; Spark; TensorFlow; Keras; Docker; Kubernetes; D3.js; MonqoDB; Flask; Git; AWS