

MICHAEL LI

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EDUCATION

UC Berkeley | Berkeley, California | May 2021 | GPA: 3.7

Management, Entrepreneurship, & Technology Program

- B.S. of Electrical Engineering & Computer Science, B.S. of Business Administration

Relevant Coursework: Information Devices, Data Structures, Discrete Mathematics and Probability, Computer Architecture, Algorithms, Computer Security, Machine Learning, Financial Accounting, Microeconomics, Statistics

SKILLS

Programming: Python, Java, Go, Django, Javascript, React, Redux, Typescript, GraphQL, SQL, Node, AWS, Kubernetes

Technical Skills: Web Applications, Distributed System, Software Systems, Fraud Detection, Database Management

EXPERIENCE

Amazon AWS Fraud Detection

Software Engineering Intern | May 2019 – August 2019

- Reduce customer error on fraud detection platform by 60%, introducing a diff checker tool to detect differences in machine learning models and application instances.
- Create unsupervised machine learning models on Amazon Sagemaker for fraudulent risk evaluation on AWS accounts and create data visualization dashboards for risk assessment

Kelda

Software Engineering Intern | August 2018 – May 2019

- Worked with Kubernetes API to develop ephemeral staging environments which increased developer productivity by 30% and reduced distributed system boot times by 20%

Yext

Consulting Software Engineer Intern | May 2018 – Aug 2018

- Delivered 10,000+ custom local location pages to Fortune 500 built using Grunt, Closure Templates, Webpack, and ES6 to help clients manage their brand information and local SEO
- Reduce pipeline failure by 20% by building ETL software in Go that integrated client data with internal MySQL databases and implementing automated testing

BerkeleyTime

Product Manager & Software Engineer | Sep 2017 - Present

- Service 100,000+ students by developing a progressive course catalog application using Django, React, SASS, and ES6
 - Streamline selection of 12,000+ courses from the Berkeley catalog by implementing a new scheduler feature which generates over 30,000+ personalized student calendars every semester
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PROJECTS

Smart Home

- Implemented an IoT home automation hub with voice enabled artificial intelligence built using the Raspberry Pi
- Built a Ruby on Rails server with integrations to AWS IoT, Google Cloud, and MySQL databases

Stage Hand – Best Use of Microsoft Technology

- Personal speech trainer built using React, Google Cloud, and Node that analyzes speech delivery in real time
 - Increase detection accuracy by 50% by developing custom language models on Microsoft's Speech Service
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