

Mithun Vijayasekar

SOFTWARE ENGINEER

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WORK EXPERIENCE

- June 2018
Sept 2018
- **Software Engineering Intern** San Francisco, CA
Coinbase Inc.
 - Starting internship in June 2018.
 - Member of Payments Team.
 - Using the following technologies Ruby, Sinatra, Sequel, Postgres, MongoDB.
- Sept 2017
Dec 2017
- **Software Engineering Intern** San Mateo, CA
Edmodo Inc.
 - Re-architected the backend infrastructure from GoLang to Ruby on Rails
 - Redesigned and implemented models and controllers for existing views
- June 2017
Sept 2017
- **Software Engineering Intern** Seattle, WA
Amazon.com Inc.
 - Developed an algorithm to analyze real time availability, latency and cost of CDNs in Java application.
 - Setup and deployed the Java application into production as a web service.
 - Helped develop an on-boarding chatbot using AWS Lex.
- Sept 2016
Dec 2016
- **Financial Training Intern** Sacramento, CA
Morgan Stanley
 - Completed weekly projects applying fundamental and technical analysis on equity research.
 - Presented my research on current events and pitched investment opportunities.
 - Researched and wrote a sector analysis report.

PROJECT

- Jan 2018
June 2018
- **Semantic Web Visualizer**
UC Davis: Data Science Initiative

This project is part of an initiative to change the UC Davis library catalog to a linked-data universe. My team implemented a Java backend along a JavaScript and D3.js frontend that utilized the SPARQL query language to retrieve and present data in N-Triple format.

EDUCATION

- 2014 - 2018
- **Computer Science Engineering**
University of California, Davis
Minor:
 - Cognitive Science
 - Technology Management

SKILLS

Java	● ● ● ● ●
C++	● ● ● ● ●
HTML5/CSS	● ● ● ● ●
Ruby on Rails	● ● ● ● ●
Python	● ● ● ● ●
SQL	● ● ● ● ●
R	● ● ● ● ●
Unix	● ● ● ● ●

RELEVANT CLASS

MAT 22B – Differential Equations
ECS 40 – Software Development
ECS 50 – Computer Organization
ECS 60 – Data Structures
ECS 122 – Algorithm Design
ECS 132 – Probability & Statistics Modeling
ECS 140 – Programming Languages
ECS 150 – Operating Systems
ECS 152 – Computer Networks
ECS 154 – Computer Architecture
ECS 160 – Software Engineering
ECS 165 – Database Systems

ORGANIZATIONS

- Blockchain @ UC Davis
- Theta Chi Fraternity
- Computer Science Club
- Rotaract Club
- Save a Refugee

LANGUAGES

English	● ● ● ● ●
Tamil	● ● ● ● ●
Telugu	● ● ● ● ●
Spanish	● ● ● ● ●
French	● ● ● ● ●