

Mithun Vijayasekar

SOFTWARE ENGINEER - BACKEND

✉ mithun@vijayasekar.com

☎ +1 (415)-610-9406

🌐 linkedin.com/in/mithunvijayasekar

🌐 www.MithunVijayasekar.com

WORK EXPERIENCE

- June 2018
Sept 2018
- **Software Engineering Intern** San Francisco, CA
Coinbase Inc.
 - Member of the Crypto Payments Team
 - Helped launch Ethereum Classic (ETC) support
 - Built blockchain node management library for backups and redeployments using Ruby
 - Designed and implemented a dashboard to monitor the health of blockchain nodes
- 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 a Java application and algorithm to analyze real time availability, latency and cost of CDNs
 - 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 Inc.
 - 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 was part of an initiative to change the UC Davis library catalog to a linked-data universe. My team implemented a Java backend along with a JavaScript and D3.js frontend that utilized the SPARQL query language to retrieve and present data in the N-Triple format.

EDUCATION

- 2014 - 2019
- **Computer Science Engineering**
University of California, Davis
Expected graduation date: March 2019

SKILLS

Java	● ● ● ● ●
C	● ● ● ● ●
Ruby	● ● ● ● ●
Python	● ● ● ● ●
Unix	● ● ● ● ●
R	● ● ● ● ●

RELEVANT COURSES

- Differential Equations
- Software Development
- Computer Organization
- Data Structures
- Algorithm Design
- Probability & Statistics Modeling
- Programming Languages
- Operating Systems
- Computer Networks
- Computer Architecture
- Software Engineering
- Database Systems
- Machine Learning
- Embedded Systems

ORGANIZATIONS

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

LANGUAGES

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