

Mithun Vijayasekar

SOFTWARE ENGINEER

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WORK EXPERIENCE

- Sept 2017
Dec 2017
- **Software Engineering Intern** ♥ San Mateo, CA
Edmodo Inc.
- Re-architected the backend infrastructure from GoLang to Ruby on Rails
 - Redesigning and implemented models and controllers for existing views
- June 2017
Sept 2017
- **Software Engineering Intern** ♥ Seattle, WA
Amazon.com Inc.
- Designed and implemented a Java Service from scratch to analyze and suggest the best performing Content Delivery Network (CDN).
 - Architected a data structure to efficiently extract and load data points from an API call.
 - Optimized the algorithm to evaluate availability and latency over a particular period of time.
- 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.
- June 2016
Sept 2016
- **Front-end Engineering Intern** ♥ Menlo Park, CA
MavJay Inc.
- Helped develop a customer experience tool that allows businesses to collect real-time experiences of their customers.
 - Developed the admin page on the web application with JavaScript.

EDUCATION

- 2014 - 2018
- **Computer Science Engineering**
University of California, Davis
- Minor:
- Cognitive Science
 - Technology Management
- 2012 - 2012
- **Summer Session**
Stanford University
- Classes:
- Client-Side Internet Technology
 - Technology Entrepreneurship

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 152 – Computer Networks
ECS 154 – Computer Architecture
ECS 160 – Software Engineering
ECS 165 – Database Systems

ORGANIZATIONS

- Theta Chi Fraternity
- Computer Science Club
- BlockChain @ UCDavis
- Rotaract Club
- Save a Refugee

LANGUAGES

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