

# Mithun Vijayasekar

SOFTWARE ENGINEER

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## WORK EXPERIENCE

- Sept 2017  
Dec 2017 • **Software Engineering Intern** San Mateo, CA  
Edmodo Inc.  
• Started the internship at Edmodo in September 2017.  
• Re-architecting the backend infrastructure from GoLang to Ruby on Rails
- 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 2017  
Jan 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 165 – Database Systems



## ORGANIZATIONS

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



## LANGUAGES

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