

# Mithun Vijayasekar

SOFTWARE ENGINEER

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## WORK EXPERIENCE

- Sept 2017  
Dec 2017
- **Software Engineering Intern** ♥ San Mateo, CA  
Edmodo Inc.
- Starting the internship at Edmodo in September 2017.
  - Helping build web products in Ruby on Rails.
  - Will be helping rearchetecture the backend infrastructure in GO.
- 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 point 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 Developer** ♥ 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	● ● ● ● ●
JavaScript	● ● ● ● ●
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 154 – Computer Architecture  
ECS 165 – Database Systems



## ORGANIZATIONS

- Theta Chi Fraternity
- Computer Science Club
- Rotaract Club
- Save a Refugee



## LANGUAGES

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