

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 rearchitect 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 Californian, 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 | ● ● ● ● ● |