

# MATTHEW LIM

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## Education

**University of Southern California, Viterbi School of Engineering** - Los Angeles, CA  
**Bachelor of Science, Computer Science; Minor: Applied Analytics**

Expected May 2023  
GPA: 3.57/4.0

- Relevant Coursework: Principles of Software Development, Data Structures, Algorithms, iOS App Development
- Honors: Deans Scholarship Recipient

## Projects

### Bridg(MEAN)

Fall 2020

- Led efforts in implementing various back-end systems using Express and MongoDB for USC-based startup Bridg
- Consulted on viable technical and business solutions in implementing founders vision of their company

### Delivery Simulation(Java)

Fall 2020

- Designed and built a multi-threaded food delivery application that simulates various drivers/orders and their delivery times

### Search Engine(C++)

Spring 2020

- Successfully developed a search engine, cataloguing and connecting an input of pages through links with crawlers, and providing various search and advanced search options through parsers.

### Hippocampus Model(Python/Java)

Summer 2019

- Effectively coordinated timeline and programming aspects of computational model of a hippocampus with Alzheimer's
- Presented results in an accessible manner to a general audience, and regularly communicated progress to a professor

## Skills & Interests

### Java, C++, ExpressJS, MongoDB, Python

- Designed and collaborated on various larger-scale projects in each language, most proficient in Java and C++

### Swift, React

- Acquired classroom experience in Swift and React, applying both languages in smaller personal and classroom projects

### Github, Linux

- Coordinated projects using version control software Git/Github, and familiar with programming in Linux operating system

**Soft Skills:** Interpersonal skills, adaptability, willingness to learn, critical thinking, communication, time management

## Involvement & Experience

### WorkBenchSC - Los Angeles, California

August 2020 - Present

#### Tech Team

- Communicated with fellow Workbench teams in production, marketing, and finance on practical business solutions
- Consulted and worked with various USC-based startups in implementing technological solutions

### ScopeSC - Los Angeles, California

September 2020 - Present

#### Member

- Coordinated beginning stages of development of a USC Marketplace application using React(on-hold due to pandemic)
- Developed experience in React and Electron through club curriculum and basic project experience
- Formed strong bonds with fellow students within the USC computer science community

### USC Data Science Club - Los Angeles, California

September 2020 - Present

#### Member

- Engaged in various workshops and speaker events, participated in data science and deep learning curriculum

### CJ Logistics - Seoul, South Korea

May 2020 - August 2020

#### Delivery Manager

- Oversaw & managed deliveries for the largest delivery company in South Korea within a specific region of Seoul
- Personally trained multiple delivery drivers to operate by maximizing efficiency