

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)-Ongoing

Winter 2020

- Led efforts in implementing backend systems using Express and MongoDB for USC-based startup Bridg
- Emphasized a scalable approach and consulted on product vision and future development with founders

USC Marketplace(Java/Javascript)

Winter 2020

- Coordinated the development of the USC Marketplace webapp, connecting USC students to buy and sell college essentials, primarily developing the backend implementation with Java through the Spring framework
- Oversaw general communication and product direction, and helped to maximize group member's strengths in different areas

Group Project(Swift)

Fall 2020

- Envisioned and developed productivity application "Group Project" for iOS, allowing groups to organize and plan projects/events in a shared space

Delivery Simulation(Java)

Fall 2020

- Created a multi-threaded, networking Java application simulating a food delivery service, directing various drivers and their deliveries to restaurants through the Yelp API

Hippocampus Model(Python/Java)

Summer 2019

- Effectively planned and managed all 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 and Interests

Java, C++, Python, Javascript, NodeJS, SQL, MongoDB, Swift

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

Express, Firebase, Spring

- Acquired experience in all three, utilizing each in supporting both personal and larger-scale projects

Github, Linux

- Coordinated projects using version control software Git/Github, and acquired experience with programming within Linux

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

Involvement and 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

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
- Trained multiple delivery drivers to operate by maximizing efficiency in delivery methods