

MATTHEW LIM

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Education

University of Southern California, Viterbi School of Engineering - Los Angeles, CA
Bachelor of Science, Computer Science, Minor in Applied Analytics
3.72/4.0

Expected May 2023
GPA:

- Coursework: Principles of Software Development, Algorithms & Theory of Computing, iOS App Development, Lin. Algebra
- Honors: Deans Scholarship Recipient

Projects

USC Marketplace(Java/Javascript)

October - November 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)

October - November 2020

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

Delivery Simulation(Java)

October 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)

June - August 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

Involvement and Experience

Bridg - Los Angeles, California

August 2020 - Present

Backend Lead

- 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

ScopeSC - Los Angeles, California

September 2020 - Present

Member

- Delivered the interactive study app Pomodoro Points in the first Scope Hackathon, leading the backend implementation
- 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

Skills and Interests

Java, C++, Python, Swift

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

Javascript, Node.js, Express, MySQL, MongoDB, Bootstrap, HTML/CSS

- Implemented the backend of various webapps through Express, Javascript, and MySQL/MongoDB, while also acquiring light experience in frontend development through Bootstrap and HTML/CSS

Github, Bash, Docker, Firebase, Spring

- Coordinated projects using version control software Git/Github, and acquired experience in Docker, Bash, Firebase, and Spring in assisting various personal and classroom projects

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