Austin Huang

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EDUCATION

University of Southern California   **May 2022**
Bachelor of Science in Computer Science/ Business Administration   GPA: 3.54 / SAT 1540

Relevant Coursework: Data Structures and Object-Oriented Design, Algorithms, Software Engineering, Design and Construction of Large Software Systems, Introduction to Artificial Intelligence, Enterprise Data Architecture, Discrete Mathematics

PROFESSIONAL EXPERIENCE

Capital One   **Remote**
Software Engineering Intern   June 2021 – August 2021
- Developed a full-stack application in React, TypeScript, and Node.js that helps developers proactively automate private encryption key rotation.
- Built a front-end onboarding wizard in React, allowing developers to easily use the service without making manual API calls.
- Contributed to existing backend API which uses AWS Serverless Application Model, Lambda functions, and Snowflake API.

WeMo Scooter   **Taipei, Taiwan**
Software Engineering Intern   June 2020 – August 2020
- Migrated full functionality of battery-monitoring console in-house, allowing hardware engineers to monitor battery statuses.
- Restructured/migrated database using TypeORM, implemented REST APIs in TypeScript, rendered user-interface in React.
- Closely collaborated on a team of 4 software engineers and PM to identify and address concerns of hardware department.

Microsoft   **Taipei, Taiwan**
Software Intern   July 2019 – August 2019
- Developed web application and user-interface to process tweets containing user-determined keyword, perform sentiment analysis using NLTK/ Azure Cognitive Services, & visualize data in the form of graphs.
- Adhered to agile development methodology, iterating on feedback from experienced developers.
- Processed and stored raw data using MySQL/ Power BI; deployed application using Azure Cloud Services.

PROJECTS

Trojan Check-In/Out   **Los Angeles, CA**
Full-Stack Developer   Spring 2021
- Three-tiered Android application for building capacity management, built in response to COVID-19.
- Developed XML student user interface and Java/JavaScript backend functionalities, including QR-code support for building entry, push notifications, and serverless cron jobs using Firebase Cloud Functions.

Access.io   **Los Angeles, CA**
Java Backend Developer   Spring 2020
- iOS mobile application that gathers user-reported accessibility features of locations, generating an "accessibility score".
- Developed key features including storing and processing user reviews and ratings. Built with team of 6 developers.

PwC Case Competition   **Los Angeles, CA**
2nd Place   November 2018
- Provided advisory services to an online consumer marketplace company looking to relocate.

Boeing Freshman Design Challenge   **Los Angeles, CA**
1st Place Winner   February 2019
- Placed 1st /20 teams in designing/setting parameters for a space vehicle on an asteroid capture return mission.

LEADERSHIP & INVOLVEMENT

USC International Consulting Club   **Los Angeles, CA**
Roles: President, Vice President, Director of Client Engagement   August 2019 – Present
- Collaborate with USC Marshall as President of a recognized student organization on administrative duties.
- Lead weekly education session, instructing new members on the consulting industry and case interview preparation.
- Designed guidelines for client outreach, pioneering Client Engagement program. Acquired ~6 clients each semester for ICC's pro-bono business strategy consulting projects (past clients include Adobe, LinkedIn, Team SoloMid, and others).

TECHNICAL SKILLS

Technical Skills: C++, Java, Python, JavaScript, JSP, HTML/CSS, React, Node.js, TypeScript, SQL, Git, PowerShell, Scrum/Agile
Interests: Philosophy, finance, writing, robotics and technology