

Austin Huang

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EDUCATION

University of Southern California

Bachelor of Science in Computer Science/ Business Administration

May 2022

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

Software Engineering Intern

Remote

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.
- Learned enterprise-level DevOps practices utilizing Jenkins and Capital One's proprietary CI/CD technologies.

WeMo Scooter

Software Engineering Intern

Taipei, Taiwan

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

Software Intern

Taipei, Taiwan

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

Full-Stack Developer

Los Angeles, CA

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

Java Backend Developer

Los Angeles, CA

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

2nd Place

Los Angeles, CA

November 2018

- Provided advisory services to an online consumer marketplace company looking to relocate.

Boeing Freshman Design Challenge

1st Place Winner

Los Angeles, CA

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

Roles: President, Vice President, Director of Client Engagement

Los Angeles, CA

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