Austin Huang

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EDUCATION

University of Southern California, Viterbi School of Engineering   **Los Angeles, CA**
Bachelor of Science in Computer Science/ Business Administration   May 2022
GPA: 3.4

Taipei American School   **Taipei, Taiwan**
GPA: 4.1, SAT: 1540   May 2018

PROFESSIONAL EXPERIENCE

WeMo Scooter   **Taipei, Taiwan**
Software Engineering Intern   May 2020 –Present
- Migrating full functionality of existing battery-monitoring console in-house, allowing hardware engineers to determine charging battery statuses.
- Redesign and migrate database using TypeORM, implement REST APIs using TypeScript, render user-interface with React.
- Closely collaborate 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
- Stored and processed raw data using MySQL/ Power BI; deployed application using Azure Cloud Services.

Academia Sinica   **Taipei, Taiwan**
Research Fellow   June 2017 – August 2017
- Conducted research in Department of Genomics on Zika virus's impact and replication process in the human cell. Used PCR reactions to splice Zika DNA into yeast DNA to observe replication.

LEADERSHIP & PROJECTS

PwC Case Competition   **Los Angeles, CA**
2nd Place   *November 2018*
- Placed 2nd out of 26 teams campus-wide.
- Provided advisory services to an online consumer marketplace company looking to relocate.
- Presented research and analysis to a panel of senior PwC managers

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.
- Utilized a design calculator coded on Excel to input and process data points through parameter equations to meet a set of constraints, including time, cost, and reliability.

INVOLVEMENT

International Consulting Club   **Los Angeles, CA**
Vice President   August 2019 - Present
- Overhauled organizational structure into 4 distinct departments, reducing inefficiencies and improving workflow.
- Lead weekly education session, instructing new members on the consulting industry and preparing for case interview.
- Previously Director of Client Engagement - designed guideline for client outreach, effectively pioneering Client Engagement program. Acquired 6-8 clients each semester for ICC's pro-bono business strategy consulting projects.

Trojan Investing Society   **Los Angeles, CA**
Member   August 2018 - Present

SKILLS & INTERESTS

Computer Skills: C++, Java, Python, MySQL, JavaScript, JSP, HTML/CSS, Excel, Node.js, TypeScript, MS Office
Interests: Philosophy, finance, writing, robotics and technology