

JOYANNA JIANG

Los Angeles, CA · (669) 264-7799 · jfjiang@usc.edu · www.linkedin.com/in/joyannajiang

EDUCATION

University of Southern California, Viterbi School of Engineering

Los Angeles, CA

Bachelor of Science in Computer Science and Business Administration

May 2024

Minor in Foundations of Data Science, USC Presidential Scholarship

3.93 GPA

Relevant Coursework: Programming in Python, Micro/Macroeconomics in Business, Web Publishing, Intro to C++

LEADERSHIP & INVOLVEMENT

Innovative Design at USC

Project Coordinator, Tech Team Member, Green Design Team Member

September 2021-Present

- Redesigned the club website by writing/deploying new HTML, CSS, and jQuery code. Enhancements include:
 - Improved website navigation by creating a new breadcrumb menu that indexes the club's previous projects
 - Increased average site visit time with the replacement of external website redirects with modal overlays
- Oversaw new member class projects and spearheaded the delegation and completion of a class introduction post
 - Organized subtasks to distribute for easier completion while maintaining transparency of project timeline
- Developed and designed new logos for the rebranding of Trojan Investing Society at USC using vector graphics

Career Job Shadowing Externship Program

Extern, HCA Healthcare

July 2021

- Selected from 38 students to participate in first-ever summer job shadow pilot program with USC Marshall alumni to advance career exploration and development, specifically learning about the business component in the health industry
- Learned about the roles and expectations of an administrator of a healthcare company including interactions with the government and law, analysis of employee turnover for hiring decisions, and management of company branches

ACADEMIC PROJECTS

C++ BigInt Library

CSCI 103 Programming Assignment

November 2021

- Defined a class BigInt to support arbitrary precision signed arithmetic, operator overloads for C++ math and comparison, and numbers of any base between 2 and 36 using string class and vector template class
- Applied BigInt library to decipher encrypted messages using the RSA algorithm and C++ custom exception handling

Kingo Energy

LInC Consulting Project

January 2021-May 2021

- Coordinated operational and logistical efforts for projected expansion of solar energy company into 3 Latin American countries through analysis of environmental factors, market ecosystem, and government interest
- Synthesized status quo off-grid electricity conditions and local government research through application of a weighted decision matrix to extract a plausible method of expansion with 8 alternative solutions for client
- Delegated project tasks in 7-member team and facilitated communication among members and between client

EXPERIENCE

Yopop

San Jose, CA

Store Associate

February 2020-November 2020

- Supported shift towards profitability after losses due to Covid-19 by creating a Covid-safe store environment for customers, updating DoorDash and UberEats website, and assisting in store advertisement and new menu ideas
- Developed multi-tasking abilities in a fast-paced environment while simultaneously exceeding customer satisfaction

Shadow Brook Swim Club

San Jose, CA

Lifeguard

May 2019-September 2019

- Protected patrons from injuries by enforcing strict safety protocols and by keeping a strong awareness of surroundings
- Cross-trained in physical and psychological competency during Emergency Action Plan in-services to improve group dynamic and understanding and reduce response time in the event of an emergency

SKILLS & INTERESTS

Languages: Proficient in Chinese (Mandarin)

Computer Skills: Microsoft Office Suite [Word, Excel, PowerPoint], Python, C++, HTML/CSS, Figma

Interests: Coffee, Snowboarding, Tennis, Graphic Design