JOYANNA JIANG

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EDUCATION

University of Southern California, Viterbi School of Engineering   **Los Angeles, CA**
Bachelor of Science in Computer Science and Business Administration   May 2024
USC Presidential Scholarship   3.93 GPA

LEADERSHIP & INVOLVEMENT

LavaLab at USC
Product Designer   February 2022-Present
- Collaborated with a team to create an emotional regulation toy paired with a tracking app that aids children in their emotional development and empowers parents to establish a stronger understanding of their children's emotions
- Wireframed and prototyped app layout, created logo and branding, and designed pitch deck for final pitch of product

Innovative Design at USC
Project Coordinator, Tech Team Member, Marketing 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
- Created and advertised new recruitment theme graphics for club, resulting in highest number of applications up to date
  - Branded and marketed CreateSC, an annual designation free for all college students to participate

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

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 and Product Design