

Justin Lam

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EDUCATION

Cal State University, Fullerton | Fullerton, CA

Expected May 2025

Bachelor of Science, Computer Science

EXPERIENCE

Airport Terminal Services (John Wayne Airport - SNA, CA)

Jan 2023 - Present

Ground Ramp Agent

- Utilized advanced load planning software in collaboration with flight attendants to ensure 95% accuracy in maintaining weight and balance for 70+ flights.
- Streamlined preflight and postflight protocols for 70+ flights, reducing delays by 10% and increasing on-time departures by 15%.
- Collaborated closely with team members to enhance communication and implement cross-check protocols, minimizing operational errors.

Corsair

Sep 2022 - Present

Beta Tester for Products

- Delivered in-depth feedback on 12+ products over 28 days, identifying key areas for improvement and contributing to product optimization.
- Conducted thorough testing of pre-release products using Corsair's iCUE software, identifying and documenting over 50 bugs and software errors.
- Collaborated with the Beta Analyst to design and implement innovative features for two released products, driving a 10% increase in sales.

PROJECTS

Encryption Decryption Application - C++ and Qt Creator

- Engineered an encryption/decryption application using custom encryption algorithms in C++ in Qt Creator, allowing users to securely encrypt and decrypt sensitive data with a seamless user experience.
- Developed a fully documented guide, including installation instructions and technical details of the algorithm, ensuring both end-users and developers can easily understand, use, and contribute to the project.

Discord Music Bot - JavaScript

- Engineered a Discord music bot using JavaScript and Node.js, capable of interpreting and executing commands like !play [YouTube link] for seamless playback of user-specified YouTube videos within Discord channels.
- Enhanced the bot's functionality by incorporating real-time audio streaming and command handling, significantly increasing user interaction within the server by simplifying music control.

Website Development - HTML5

- Designed and developed a series of interactive web pages using HTML5 and CSS3, focusing on creating a user-friendly experience with optimized navigation and visual engagement.
- Integrated hyperlinks for seamless page-to-page transitions and incorporated animated GIFs to showcase products, improving user engagement and providing an introduction to front-end development principles.

SKILLS

Adobe Creative Cloud: Premiere Pro, Photoshop, After Effects

Programming Languages: Java, Node.js, C++, Python, Javascript, HTML5, MySQL database

Microsoft Office: Word, Excel, PowerPoint, Outlook, OneNote

Soft Skills: Vietnamese, English