Raymond Yan

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EDUCATION

University of California, Irvine   **Irvine, California**
B.S. Computer Science - Major GPA: 4.0/4.0   **June 2025**
Dean's Honor List: *Fall 2021 - Present*

Relevant Coursework: Data Structures and Algorithms**,** Programming in Python/C++/Java, Introduction to Software Engineering, Data Management, Discrete Mathematics, Introductory Computer Organization, Probability and Statistics

TECHNICAL SKILLS

Languages: Python, Javascript, Java, C++, SQL, HTML/CSS
Technologies: React, Node.js, Express.js, MongoDB, MySQL, PostgreSQL, Tailwind CSS, Spring Boot, Firebase, REST APIs, JWT, Git

EXPERIENCE

Commit The Change   **Irvine, California**
Software Developer   *October 2022- Present*
- Accomplished migration of the NPO Cell Dog's (dog rehabilitation program) Google Sheets spreadsheet to a website for employees to easily create, update, and find relevant information, using PostgreSQL/Express/React/Node.js.
- Implemented various features including Backend Provider, Frontend Routing, Integration of Backend to Frontend, Navbar, 404 page, Login/Forgot Password pages with Firebase auth, Card view of components from multiple pages, and Mobile view of multiple pages, resulting in a more efficient and user-friendly experience.

UC Irvine Donald Bren School of Information and Computer Sciences   **Irvine, California**
Lab Tutor   *September 2022- December 2022*
- Helped 44 students excel in object-oriented programming with Python and its libraries, resulting in a thorough understanding of Python fundamentals. Achieved by creating engaging resources and offering personalized support in understanding Python concepts such as exception tracebacks, different types of exceptions, and debugging.

Hack @ UCI   **Irvine, California**
General Member   *September 2021- Present*
- Attended technical workshops and hackathons to enhance my computer science skills outside of school work.

PROJECTS

Blog Application   **Winter 2023**
- Designed and implemented a blog application with MongoDB, Express.js, React.js, and Node.js with JWT authentication that allows users to login/logout of their own account, create/edit their own articles, and read articles written by other users.

Valorant Stats Discord Bot   **Summer 2022**
- Built a Python application, utilizing the Selenium and Discord libraries to create a web scraping 24/7 online Discord bot that scrapes Valorant player's statistics off Tracker.gg and provides player's statistics through text channels.

Tic-Tac-BOOM   **Summer 2022**
- Crafted a 2-player Tic-Tac-Toe GUI through a TCP socket connection with added random explosion mechanics using the Socket and Tkinter libraries in Python with tracked player statistics.

Zot Point Average   **Zot Hacks Winner 2021**
- Developed a chrome extension using Javascript, HTML, and CSS with a team of 5, which won the Zot Hacks 2021. The extension displays the GPA and student grade distribution of classes within the UCI Schedule of Classes utilizing information from the Peter Portal API.