Nange Hai (Aiden)

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EDUCATION

University of California, Irvine

B.S. in Cognitive Science & B.S. in Informatics   06.*2026*

- **GPA:** 3.98; Dean's Honor List (5 consecutive quarters)
- **Coursework:** Programming (Python, R, Java, C++), Web Applications Programming, Human-Computer Interaction, Information Visualization, Machine Learning, Psych Fundamentals, Consciousness & Brain, Cognitive Robotics, Probability and Statistic

PROJECT

E-Commerce Website for CS Items   *10.2024 - 11.2024*

- Developed a multi-page e-commerce platform for Counter Strike items using React, with pages for product listings, user accounts, and checkout.
- Integrated UI features such as a wishlist, cart, and order confirmation, enhancing user engagement and providing a streamlined shopping experience.

Discord UX Enhancement   *02.2024 - 03.2024*

- Conducted expert reviews and usability testing, leading to the design of an interactive user-ranking system using Figma, which enhanced user trust and engagement on Discord.
- Developed high-fidelity wireframes and mockups for a Discord feature prototype, focusing on intuitive user interactions and vertical scrolling navigation to improve the user experience.

Airport Information Manager   *10.2023 - 11.2023*

- Developed a user-friendly interface for managing airport data, enabling efficient search, addition, and updates through a Python-based GUI with SQLite integration.
- Enhanced user experience by optimizing layout and interactivity, ensuring intuitive flow for data management and retrieval.

RESEARCH EXPERIENCE

Research Assistant

UC Irvine CARL   *09.2024 - Now*

- Developed and integrated a binocular vision system for TurtleBot, enhancing its ability to perceive depth and navigate autonomously in complex environments.
- Collaborated on the robot's adaptive shell behavior, adjusting responses based on environmental changes.

LEADERSHIP EXPERIENCE

Peer Academic Advisor

School of Social Sciences   *04.2024 - Now*

- Advised students campuswide on academic planning, helping with course selection, academic progress checks, and resource referrals.
- Guided students in academic planning, helping them align courses and projects to career goals in tech, particularly in programming and design.

SKILL & OTHER

Core Skills & UX Design Tools: HTML, CSS, JavaScript, React.js, Angular, Figma

Programming Languages: Python, R, Java, C++, SQL

Involvement & Workshop: Data visualization workshop(2023), Learning Assistant(2023)