

# Daniel Nguyen

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## EDUCATION

University of California, Irvine – Irvine, CA

Expected Graduation: June 2026

Bachelor of Science in Software Engineering , GPA: 3.65

Relevant coursework: Data Structures & Algorithms, Object-Oriented Programming, User Interaction Software, Intro to Web Development

## EXPERIENCE

University of California, Irvine Medical Center - Patient Experience | Orange, CA

January 2024 - April 2024

- Enhanced patient care by assisting hospital staff, patients, and guests with various tasks across multiple departments, improving overall patient experience.
- Conducted regular patient rounding in the nursing unit to ensure comfort and address any needs, contributing to an improved and supportive hospital environment.
- Developed and applied soft skills such as teamwork, leadership, and effective communication with patients, fellow volunteers, and medical staff, fostering a collaborative and compassionate healthcare setting.

## SKILLS & CERTIFICATIONS

- **Programming Languages:** C++, HTML/CSS, JavaScript, Python
- **Certifications:** Orange Coast College Certificate of Specialization in C++, Codepath Web Development (In Progress)

## PROJECTS

Student Gradebook Manager

December 2023

- Developed a comprehensive student gradebook management system using C++ that leverages advanced data structures and the Standard Template Library (STL) for efficient data handling and manipulation.
- Implemented core functionalities such as student record creation, update, deletion, and retrieval using STL containers like vectors, maps, and lists to ensure optimal performance and scalability.
- Enhanced user experience and system reliability by integrating robust error handling, input validation, and efficient searching, sorting, and reporting capabilities, resulting in a seamless and efficient management tool.

Dog Adoption Activism Website

September 2024

- Designed and developed a user-friendly dog adoption website to advocate for ethical pet adoption over puppy mills and backyard breeders, highlighting the benefits through informative content and engaging visuals.
- Utilized HTML, CSS, and JavaScript to create an interactive and responsive web interface, ensuring a seamless user experience across various devices and platforms.
- Integrated a functional petition feature to support the cause, encouraging visitor engagement and community action, as part of an introduction to web development course project.

## ACTIVITIES

[CodePath](#) | Community Member | Remote

June 2024 - Present

- Participated in CodePath remote program, receiving comprehensive technical training, career guidance, mentorship, and community support to enhance skills and successfully navigate the software engineering industry.