

# Dang Nguyen Nguyen

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## EDUCATION

University of California, Irvine

Expected Grad: June, 2025

B.S in Computer Science

GPA: 3.85

**Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Software Testing and Quality Assurance, Human Computer Interaction, Boolean Logic & Discrete Math, Linear Algebra, Probability & Statistics

## SKILLS

**Programming Languages:** Python • JavaScript • C • C++

**Web & Database:** SQL • HTML • CSS • PostgreSQL • MongoDB • Firebase

**Framework:** React • React Native • Chakra UI • Bootstrap • Rest API

**Technologies:** Git/GitHub • Postman • VSCode • Visual Studio • NodeJS • ExpressJS • MS Office • AWS

## RELEVANT EXPERIENCE

Commit the Change | Software for Non-Profits

Irvine, CA

Technical Lead

June 2023 - Present

- Collaborated with NPO to develop a software solution, overseeing and coordinating weekly sprint tasks for a team of **10+** developers. Providing the team resources to standardize and accelerate the development cycle.

Full Stack Developer

October 2021 - Present

- Volunteered with a **20**-person team to develop a web application management system for NPO Patriots and Paws Anaheim, enhancing furniture donation coordination using **React**, **PostgreSQL**, **NodeJS**, and **Express**.
- Developed inventory and driver dashboards with integrated emailing capabilities, allowing admins and drivers to manage and schedule donation pickups, leading to a **90%** increase in operational efficiency.
- Collaborated with in-house UX designers to convert **Figma** wireframes into working UI components.

Coding Minds Academy

Irvine, CA

Coding Instructor

July 2023 - Present

- Fostered the next generation of programmers by leading **Python**, **C++**, and **Web Dev** courses for students grades 1-10.
- Designed comprehensive lectures, code demos, class activities, and homework assignments tailored to each student's grade level, resulting in an improvement in comprehension and competence.

University of California, Irvine | School of Information & Computer Science

Irvine, CA

Lab Tutor

March 2023 - June 2023

- Provided academic support to **40+** students in understanding the fundamental concepts of the **Python** language.
- Conducted after-class tutoring and tailored communication, resulting in a **15%** reduction in students needing academic assistance throughout the quarter.

## PROJECTS

ZotnFound | ([Github](#)) - ([Website](#))

UCI VenusHack 2023 - Best Overall [Runner-up] Project

- Won **2nd place** out of 30 teams in UCI VenusHack hackathon by leading a team of 4 to develop a full-stack web app for university students to locate and recover lost belongings.
- Utilized **Leaflet API** to create an interactive map, developed a custom search algorithm to enhance item location functionality, and employed **Chakra UI**, **HTML**, **CSS** and **React** for responsive front-end.
- Implemented **Google Firebase** for user authentication and **Firestore** as database.

ZotPals | ([Github](#)) - ([Winning Announcement](#))

UCI Webjam 2022 - First Place Project

- Led a team of 4 to design and build a web app that facilitated a student-centered platform for donating and acquiring unused items, fostering new connections among users. Won **1st place** at UCI Webjam 2022 hackathon.
- Created the application using **React**, **Express**, **MongoDB**, and **Nodemailer** for front-end and back-end integration.

HaveFun | ([Github](#)) - ([Devpost](#))

HACK @ UCI 2023 - Best Meme Hack

- Developed a full-stack social media platform using **React**, **MongoDB**, and **Express.js**, allowing users to create and share their memes/jokes, participate in daily challenges, and encourage a community of joy.