Dang Nguyen

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EDUCATION

University of California, Irvine Irvine, CA
Major in Computer Science Class of 2025
- **GPA**: 3.81 / 4.0
- **Courses:** Data Structure and Algorithm, Boolean Logic and Discrete Structures, Intro to Software Engineering

TECHNICAL SKILLS

Programming: Python • JavaScript • C++
Frontend: HTML • CSS • ReactJS
Backend: NodeJS • ExpressJS • PostgreSQL • MongoDB
Technologies: Git • GitHub • Rest API • Postman • VSCode • Eclipse

PROJECTS

ZotPals
UCI Webjam 2022 - 1st Place Winning Project. (GitHub)
- Led a team of 4: delegating tasks and providing instruction on the **React** and **Express** frameworks.
- Designed and developed a fully responsive web app that facilitated a student-centered platform for viewing and donating items, fostering new connections among users.
- Contributed as a full-stack developer, utilizing **React**, **HTML**, **CSS**, and **JS** for the website's frontend and **Express**, **MongoDB**, and **Nodemailer** for the backend

HaveFun
HACK @ UCI 2023 - Best Meme Hack. (GitHub)
- Developed a full-stack social media platform using **React**, **MongoDB**, and **Express** frameworks, allowing users to share their jokes, and encourage a community of joy.
- Successfully implemented a **RESTful API** that seamlessly integrated multiple models and implemented secure user authentication through the creation of cookies.
- Showcased effective communication, time management, problem-solving skills in a challenging environment.

Tic-Tac-Toe PLUS (Github**) - (**Website**)**
Personal Project
- Developed a fully responsive Tic-Tac-Toe web game with three modes: AI, multiplayer, and offline, using **React**, **Socket.IO**, and **JavaScript**.
- Implemented **AI recursive decision-making algorithm** to calculate the most optimal move assuming that the player is also playing optimally.
- Created the multiplayer mode utilizing the **Socket.IO** library for real-time communication between players and the interactive scoreboard to track scores between players.

WORK & VOLUNTEER

UCI Commit the Change October 2021 - Present
Volunteer Software Developer for Non-Profit Organization
- Developing a web application with a team of 20 using **React**, **JavaScript**, and **CSS** for a non-profit organization, Patriots and Paws, which provides veterans & active military personnel with basic furnishings and rescued companionship animals for their new residencies.
- Collaborating with designers and developers to convert **Figma** wireframes into working **UI** components

eBay, Mercari, Depop, Offer-Up January 2021 - Present
E-commerce Retailer
- Reaching over $10,000 in sales in a home-run business.
- Run cost-effectiveness analyses on different suppliers to maximize selling profit.