

Jonathan Vu

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EDUCATION

University of California, Irvine

Expected Graduation: Dec 2025

B.S. in Computer Science, Minor in Statistics

Relevant Coursework: Data Structures & Algorithms, Web Development, Machine Learning and Artificial Intelligence, Software Testing and Quality Assurance, Advanced Python Programming, Advanced C/C++ Programming

EXPERIENCE

Full Stack Website Developer

June 2024 - Present

Freelance

Remote

- Developed and maintained a dynamic website for a musician with over 400k monthly listeners using NextJS and TailwindCSS
- Collaborated closely with the client to continuously improve website features in order to enhance user engagement and site performance
- Integrated Supabase as the backend infrastructure to efficiently manage merchandise and user data
- Implemented Shopify for ecommerce integration, streamlining the musician's merchandise sales process

Art Farm Labs | Ecommerce Platform

March 2024 - June 2024

Backend Developer

Irvine, CA

- Utilized agile methodologies to develop an ecommerce platform for young entrepreneurs
- Built full-stack software components for user authentication and database management with Supabase
- Integrated Sanity CMS for dynamic content management, **reducing API response times by 30%** and enhancing frontend efficiency
- Coordinated with sponsors to align with their needs and ensured the project met strict deadlines

Spirit CHB Inc | Customs Brokerage

June 2023 - 2024

General IT Assistant

Cypress, CA

- Automated invoice processing, **reducing manual effort by 40%** and improving accuracy using Python and Microsoft Power Automate
- Increased website engagement by 25% through iterative improvements based on user feedback and analytics
- Assisted in various administrative tasks such as office IT setup and updating shipment records into the company's database

PROJECTS

Viet Learning - Education

WebApp | Personal Project

August 2024

- Integrated Azure AI Speech Services for Vietnamese phonetic analysis and personalized pronunciation feedback
- Developed full-stack components for an intuitive interface, enabling progress tracking and goal setting

Note Taking Assistant

April 2023

WebApp | UCLA Hackathon

- Collaborated with a team of four to build an application that leverages large language models to assist students in taking notes and engaging with the class material
- Implemented OpenAI's Whisper model to transcribe large audio files and CohereAI to generate summaries and practice questions, creating a computationally efficient speech-to-text analysis platform

MediRemind - Health

MobileApp | Congressional App Challenge

January 2021

- Partnered with a team of four programmers to develop an application that supports the elderly, particularly those with Alzheimer's, by incorporating features such as medication reminders and cognitive skill games.
- Utilized technologies such as Android Studio, Adobe XD, and Figma
- Recipient of the **Congressional App Challenge Award** for the CA-47 district, amidst over six thousand apps

SKILLS AND INTERESTS

Technical Languages: Javascript, Python, C/C++, Java, R, SQL, HTML/CSS

Frameworks and Technologies: TailwindCSS, ReactJS, Node.js, Git, GraphQL, Pandas, Sklearn, Figma, Excel, Adobe

Interests: Music Production, Reading, Volleyball, Basketball, Boulderling, Cafes, Hiking, Exercising