

David Nguyen

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EDUCATION

University of Central Florida

Orlando, FL

Bachelor of Science in Computer Science GPA: 3.7/4.0

Expected Graduation, May 2026

- Related Courses Completed: Data Structures & Algorithms 1/2, Computer Organization & Programming, Object-Oriented Programming, Calculus 1/2

EXPERIENCE

Kitchen Expo / Customer Service

June 2020 – Present

Wicked Bao LLC

Fernandina Beach, FL

- **Supported** dining operations as a high school sophomore, bussing tables and delivering meals to customers.
- **Advanced** to a managerial role, ensuring order accuracy, training new hires, and coordinating kitchen workflows.
- **Maintained** consistent seasonal employment for four years, contributing to smooth operations during high-demand periods.

Customer Service

Feb. 2019 – June 2020

Publix Supermarkets

Fernandina Beach, FL

- **Worked collaboratively** with cashiers and other team members to maintain a smooth checkout process

PROJECTS

Dragon of Dojima AI | Python, PyTorch, Mistral7b

Personal Side Project 2024

- **Fine-tuned the Mistral 7B language model** using PyTorch and Hugging Face Transformers to emulate the personality of Kiryu Kazuma.
- **Achieved a 30% reduction in computational overhead** while maintaining high accuracy through QLoRA, gradient accumulation, and mixed-precision training.
- **Leveraged BrevDev GPU resources** to train and optimize a custom AI model that captures the essence of a beloved video game character.

GainsBOT | OpenAI API, JavaScript, React, Tailwind, HTML/CSS

Personal Side Project 2025

- **Built a gym-focused chatbot** web app using React, JavaScript, and Tailwind CSS, integrating the OpenAI API for natural language understanding
- Delivered instant **answers to over 100 beginner-level gym** questions while **dynamically visualizing muscle groups for 50+ exercises**.
- **Used the OpenAI API** to power an interactive chatbot that educates users on gym movements and targeted muscles.

Weather Report | Visual Crossing API, JavaScript, HTML/CSS

Personal Side Project 2024

- Built a responsive webpage using JavaScript, HTML, and CSS to **display real-time weather data**.
- Enabled access to **weather information for over 1,000 cities globally**.
- **Integrated the Visual Crossing API** to retrieve real-time weather data for **seamless user interaction on a dynamic interface**.

EXTRA CURRICULAR

Bright Futures FAS Scholarship Award | Take Stock In Children Scholarship Award Winner/Volunteer | Society of Asian Scientists Engineers @UCF – Member | Knight Hacks VII - Attendee | HackUCF – Member | Christ the King Church (Youth Group–TNNT) – Volunteer | National Honors Society–Tutor/Member

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS

Frameworks: React, npm, Vite, Tailwind

Developer Tools: Git, VS Code, vim

Other: Excel, Word, PowerPoint