

Martin Nguyen

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EDUCATION

University of California State Fullerton | Fullerton, CA

B.S. in Computer Science | GPA: 3.4

May 2025

Relevant Courses: Data Structures, Algorithms, Machine Learning, Front-End Engineering, Software Engineering, Database

TECHNICAL SKILLS

Programming Languages: Javascript • Python • C++ • C# • SQL • HTML • CSS • PHP

Frameworks/Tools: React • Blazor • .NET • Next.js • Power BI • Power Apps • phpMyAdmin • SSIS

Database: MySQL • SQL Server 2022 • SQL Server Management Studio 20

PROJECTS

Weather Wizard Website App

June 2023

- Successfully designed and launched a functional weather website to provide real-time weather information to users while applying best practices in web development to ensure accessibility and responsiveness, catering to a wide range of users
- Integrated the OpenWeatherMap API to retrieve real-time weather data based on user input on geolocation and utilizing asynchronous JavaScript and the fetch API to handle API requests and manage data retrieval from the OpenWeatherMap service

Quickflash

May 2024

- Developed a dynamic and user-friendly flashcard website using PHP and MySQL, enabling users to create, store, and manage custom flashcard sets for various subjects and topics.
- Designed and implemented a robust relational database using phpMyAdmin, ensuring efficient storage, organization, and retrieval of user information, flashcards, and study progress.
- Integrated secure user authentication and authorization mechanisms to protect user data and ensure that only authorized users could access and manage their personal flashcard sets.

EXPERIENCE

LACOE - Staff Assistant Intern | Downey, CA

June 2024 -

- Integrated multiple spreadsheets into SQL datatable using SQL Server Integration Services (SSIS) to streamline data entry from Excel sheets and improve database efficiency.
- Engineered a C# console application to automate data extraction from multiple Excel spreadsheets and display information in an SQL database table while reducing manual data entry time by 50% and improve data accuracy by eliminating input errors through automation.
- Designed and developed forms for LACOE inter district appeals website using Blazor, ensuring user-friendly interfaces and seamless data entry experiences for all appeals from parents.

Private Computer Science Tutor | Santa Ana, CA

April 2023 - May 2024

- Conducted in-depth assessments of students' existing knowledge, learning styles, and academic goals to tailor tutoring sessions for optimal results while assisting students with their homework.
- Fostered a positive and engaging learning environment, encouraging students to ask questions, explore concepts, and develop problem-solving skills.