

Hieu T Tran

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[in LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

Skills

Technical: Python | Java | JavaScript | HTML | CSS | C | C++ | MATLAB

App Development: NodeJS | ExpressJS | jQuery | ReactJS | Redux

Cloud Platforms: AWS | Google Cloud Platform

Other Tools/Frameworks: MySQL | Jira | Firebase | Postman | Git | IntelliJ | VS Code | Bootstrap | REST APIs

Soft Skills: Bilingual, fluent in both English and Vietnamese

Education

Worcester State University

Worcester, MA

Bachelor of Science in Computer Science, GPA: 3.8

Expected May 2024

- **Honor:** Dean's List 2020, 2021, 2022
- **Relevant Coursework:** Data Structures, Algorithm Analysis, Database Design & Application, Project Management, Networking & Security, Software Testing & Quality Assurance, Software Construction, Design & Architecture

Quinsigamond Community College

Worcester, MA

Associate Degree in Computer Systems Engineering Technology (CSET)

Jan 2017- May 2019

- **Relevant Coursework:** Unix OS, Windows Server OS, Adv Web Design Script Language, Networking Technologies, Computer Hardware & Support.

Certifications

AWS Academy Graduate - AWS Academy Introduction to Cloud Semester 1



Projects

Cryptocurrency Price/Spotify Search Tool (Python, CoinGecko API, Spotify API) [↗](#)

- Developed a versatile Discord bot that utilizes the CoinGecko API to provide real-time market prices for various cryptocurrencies.
- Integrated the Spotify API to enhance the bot's functionality by retrieving artist information such as names, followers, images, and top tracks.
- Demonstrated proficiency in Python programming and adeptly integrated multiple APIs for a cohesive and multifunctional tool.

Crypto Wallet Manager (HTML, Python, Flask, SQL, CoinGecko API) [↗](#)

- Created and deployed a Flask web application powered by Python, allowing users to input their cryptocurrency wallet addresses and instantly retrieve wallet balances.
- Implemented a SQL database to store user data securely and efficiently, including login credentials and user balance information, ensuring data integrity and security.
- Utilized real-time API data to calculate and display the total value of cryptocurrency holdings in USD, delivering a user-friendly and data-rich experience.

Personal Portfolio Website (HTML, CSS, JavaScript, Bootstrap) [↗](#)

- Spearheaded the design and development of a compelling personal portfolio website, showcasing proficiency in HTML, CSS, JavaScript, and Bootstrap.
- Resulted in an aesthetically pleasing and functional web application, reflecting a keen eye for modern design principles and user-friendly interfaces.
- Demonstrated a commitment to professionalism and innovation in web development through the creation of a visually appealing and seamlessly navigable digital presence.