

# Hieu T Tran

Worcester, MA | 📞 (508) 215-9542 | ✉ [hieunht97@gmail.com](mailto:hieunht97@gmail.com)

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 | Bash | 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)

- Engineered a dynamic Discord bot leveraging the CoinGecko API for real-time cryptocurrency market prices.
- Enhanced bot functionality by seamlessly integrating the Spotify API to retrieve artist details, including names, followers, images, and top tracks.
- Showcased proficiency in Python programming, expertly weaving together multiple APIs for a cohesive and multifunctional tool.

### Crypto Wallet Manager 🌐 (HTML, Python, Flask, SQL, CoinGecko API)

- Developed and deployed a robust Flask web application powered by Python, enabling users to input cryptocurrency wallet addresses for instant balance retrieval.
- 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 USD value of cryptocurrency holdings, providing users with a user-friendly and data-rich experience.

### Personal Portfolio Website 🌐 (HTML, CSS, JavaScript, Bootstrap)

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