Quan Dinh

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OBJECTIVE

Junior Computer Science student from WPI, actively looking for an internship.

EDUCATION

Bachelor of Computer Science, GPA 3.93   Expected May 2026
Worcester Polytechnic Institute (WPI)   *Worcester, MA*
Relevant Coursework: Software Engineering, Discrete Mathematics, OOD Concepts, Algorithms, Database System

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PROJECTS

Explore Your Rivers App [Link]   Aug 2024 - Oct 2024
Full-Stack, Massachusetts Rivers Alliance   *Boston, MA*

- Developed a cross-platform mobile app using **Expo** that promotes recreational activities around Massachusetts and spreads awareness on local environmental issues.
- Mentored and trained 3 teammates on **React Native** language and **Supabase** technology to foster a learning environment and enhance team collaboration.
- Designed custom UI prototypes in **Figma** that align with the sponsors' expectations
- Utilized **PostgreSQL** with **PostGIS** extensions to manage geospatial data, enabling precise calculation of user-to-location distances.

Student Assistant Portal   Oct 2024 - Dec 2024
Full-Stack, Worcester Polytechnic Institute   *Worcester, MA*

- Built a website for WPI instructors and students, simplifying Student Assistant positions registration and application tracking.
- Integrated **Microsoft Azure** for internal users authentications using Single Sign-On (SSO) to streamline service access.
- Utilized **Bootstrap** for responsive and user-friendly UI, providing an appealing and consistent user interface across browsers and devices.
- Leveraged **AWS cloud network** to store the database, while deploying the website using **Docker** containers on an **AWS EC2** instance for scalable and efficient hosting.

SKILLS

Languages: Java, Python, Javascript, C/C++, HTML/CSS, SQL
Frameworks/Libraries: React Native (Expo), Flask, SQLAlchemy, Docker
Databases: PostgreSQL, SQLite
Tech: Git, VSCode, Postman, Datagrip, Supabase, Figma, AWS, Selenium Webdriver, PyTest

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ACHIEVEMENT

Charles O. Thompson Scholar, WPI	Sep 2023
Dean's List, WPI (Fall 2022)	2022
Dean's List, WPI (Fall-Spring 2023)	2023
Dean's List, WPI (Fall 2024)	2024