

# Quan Dinh

**Website:** <https://dhoangquan1.github.io>

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## OBJECTIVE

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

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## EDUCATION

**Bachelor of Computer Science**, GPA 3.93

*Worcester Polytechnic Institute (WPI)*

Expected May 2026

*Worcester, MA*

**Relevant Coursework:** Software Engineering, Discrete Mathematics, OOD Concepts, Algorithms, Database System

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## PROJECTS

**Explore Your Rivers App** [\[Link\]](#)

*Full-Stack, Massachusetts Rivers Alliance*

Aug 2024 - Oct 2024

*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**

*Full-Stack, Worcester Polytechnic Institute*

Oct 2024 - Dec 2024

*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.

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## 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

Dean's List, WPI (Fall 2022)

Dean's List, WPI (Fall-Spring 2023)

Dean's List, WPI (Fall 2024)

Sep 2023

2022

2023

2024