

DOANH PHUNG

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Education

Worcester Polytechnic Institute

Bachelor of Science in Computer Science, GPA 3.83

Expected May 2026

Worcester, MA

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL, TypeScript

Developer Tools: VS Code, IntelliJ, Expo Go, Android Studio, Gradle, Postman, Auth0, Firebase

Technologies/Frameworks: Github, Axios, React Native, Django, Flask, MySQL, Express, NodeJS, Tailwind CSS

Relating Certifications: Azure Fundamental

Experience

FPT Information System (FPT Group)

May 2024 – August 2024

FullStack Mobile Developer

Ho Chi Minh, Viet Nam

- Developed the frontend of a cross-platform food delivery mobile application for iOS and Android using the React Native framework within a 3-month timeframe.
- Integrated with RESTful APIs with Express.js and MySQL databases to efficiently handle over 5,000 users' data across web and mobile applications, improving data accuracy and user management.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks, and smooth integration of code changes.
- Leveraged Android Studio as the development environment to test, debug, and optimize the application for both iOS and Android, enhancing the app's performance and reliability across devices.

Ho Chi Minh University of Technology

June 2022 – July 2022

Summer Internship

Ho Chi Minh, Viet Nam

- Developed an electrical circuit and connect it to Raspberry Pi 3 to perform a set of unit tests on an LED.
- Incorporated scripts using Python and SQL to aggregate test results into an organized format.
- Explored ways to visualize report of test results to team members using HTML, Javascript, and CSS.
- Implemented learning materials into a smart home system project, sharing consumer usage data and automating actions based on the homeowners' preferences.

Projects

Software developer | WPI Investing Association Web Application

Aug 2024 - Present

- Utilize React JS, Tailwind CSS and HTML to design a extensive user interface for the website, resulting in over 1000 hits.
- Create an analyst portal using NodeJS, Auth0, and Firebase, resulting in 43% increase in analyst productivity.
- Constructed data visualization graphs for analysts to represent stock picks in comparison with the S&P 500.
- Assembled an analyst chat room using Socket.IO, resulting in over 200 messages send and communicated.

Software developer | Biody App

February 2023

- Created an Expo Go application using Javascript to give information about organ system in the human body.
- Processed user interactions in the back-end of the app to return corresponding information.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Personal Project | Stock Finace

November 2023

- Designed a sample stock transaction website using Python to simulate the common functions of trading and selling stocks.
- Used HTML/CSS to create a GUI that supports actions such as creating an account, buy, sell, list all stocks currently have, etc.
- Utilized Flask and Jinja to build the backend, ensuring seamless interaction between the user interface and the stock database.
- Implemented object-oriented programming practices such as inheritance to create and handle different databases.

Leadership

Soul Shine

March 2022 – Present

President

Viet Nam

- Led a fast-growing team to develop and launch website content and designs, collaborating with designers and the creative team.
- Implemented strong DevOps practices and fostered a culture of continuous learning, organizing monthly training and tasks for members.
- Ensured high-quality content by reviewing and evaluating materials before publication.
- Demonstrated excellent communication and self-motivation, embracing new technologies and feedback-driven growth.