

Duong Phan

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Education

University of Houston

Bachelor of Science in Computer Science

Houston, TX

December 2023

Skills

Programming: C#, C++, Clojure, Golang, Haskell, Java, JavaScript, PHP, Python, Scala, TypeScript

Libraries: Angular, Express.js, Nest.js, Node.js

Databases: MySQL, SQL Server, CosmosDB, MongoDB

Tools: Bash, MS Visual Studio, Figma, WordPress, Git/GitHub

Certifications: Microsoft Azure Fundamentals (AZ-900), Microsoft Data Fundamentals (DP-900)

Work Experience

Software Engineer Intern

May 2023 - Aug 2023

Avanade

Houston, TX

- Created a full-stack API Portal web application for a client company utilizing **Angular** for the front end and **Nest.js** for the back end, and **CosmosDB** for the database
- Developed a robust RESTful API, leveraging **Nest.js** to facilitate seamless communication between the front end of the web application and the server
- Collaborated with team members to train a chatbot for customer inquiries using Azure's **Open AI Service**

Projects

University of Houston Zoo Web Application

- Engineered a dynamic full-stack web application using **HTML**, **CSS**, **PHP**, and **MySQL**, enabling seamless logins for customers, employees, and admins.
- Designed and implemented distinct user, employee, and admin views/logins, empowering efficient access to vital customer and employee data
- Architected and orchestrated a robust cloud-based relational database solution using **Microsoft Azure's MySQL** service

Vietnamese Student Association Landing Website

- Designed and developed a responsive landing page for VSA using pure **HTML** and **CSS**, ensuring a visually appealing and user-friendly interface for members
- Enhanced page load time by **41%** by optimizing and scaling images
- Implemented JWT authentication to secure the login service, enhancing data privacy and user authentication

Leadership Experience

Secretary

August 2022 - January 2023

Vietnamese Student Association at UH

Houston, TX

- Led a committee of **6 - 8** interns through leadership and teamwork development to prepare them for their future officer roles
- Organized internal and external events with a team of 10 - 12 officers to gather a total of **5000+** members at meetings and events