

HUONG (AMY) Do

Madison, Wisconsin

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LinkedIn

Portfolio

Education

University of Wisconsin, Madison

Bachelor of Science in Computer Science and Data Science

Expected Graduation: December 2024

Madison, WI

Experience

University of Wisconsin, Madison

Frontend Web Developer

September 2023 – Present

Madison, WI

- Developed and maintained OHR websites and applications using **PHP/MySQL, JSON/jQuery**, JavaScript frameworks (**Vue, React**), and **SASS** tool, resulting in efficient and responsive designs.
- Pioneered advanced **WordPress** and **CMS** functionalities, integrating custom plugins and interfacing with **third-party APIs** using **Axios** and **Fetch API** methods.
- Prioritized web accessibility and user experience, using **Bootstrap** and integrated external platforms seamlessly.
- Collaborated with developers and managers, maintaining high standards with **codebase, visuals, and editorial content**.

TANAACK

Software Engineer Intern

May 2023 – August 2023

Danang, Vietnam

- Contributed to the development of **Icuco**, a web-based platform offering time management solutions designed specifically for kindergarten management systems using **React.js**.
- Search & Sorting**: Developed an accessible interface using semantic HTML, optimized for screen readers, with React-managed keyboard focus and event handlers. Implemented real-time form validation for user input feedback.
- User Authentication**: Simplified traditional username/password mechanism for less tech-knowledge staff, employing **Axios** for backend credential verification.
- Contributed to developing proficiency in **Java Spring Boot** and **SQL Server**, enhanced backend operations, and managed a database consisting of **500,000+ records**.

University of Wisconsin, Madison

Academic Tutor

January 2023 – Present

Madison, WI

- Reinforced course content, assignments, and material for **300+** students in introductory CS courses weekly.

Projects

Movie Finder(2023) | React, JavaScript, HTML, CSS

Demo & Github

- Developed a user-friendly platform,utilizing **React.js**, which provided dynamically search and explore movies, featuring an autocomplete search bar, detailed movie insights, and mobile-responsive design.
- Integrated **The Movie Database API**, accessing a database of **400,000+ movies** using asynchronous JavaScript, and ensured accurate and expedited data retrieval, processing over **500 API calls** daily for real-time information update.
- Engineered a recommendation engine providing personalized, genre-specific film suggestions through an intuitive UI, with a curated list of genres and dynamically loaded movie tiles based on user preferences.

Social To Do(2023) | Java, Kotlin

Github

- Led a **4-member** team to launch an **Android app**, blending task management and social networking for UW students.
- Implemented real-time data synchronization and collaborative functionalities using **Firebase** Real-time Database, enhancing user engagement by enabling instant task updates, comments, and likes across the user community.
- Implemented location-based task reminders and creation using the **Google Maps API** with intuitive, geographically relevant notifications and task management options.

Technical Skills

Languages: Java, TypeScript, Python, PHP, JSON, Julia 1.8, C/C++, C#

FrontEnd Technologies: React, JavaScript, HTML5, CSS3, AngularJS, TypeScript, Node.js

BackEnd Technologies: SQL, Linux, GitHub, Git, MySQL

Leadership / Extracurricular

Association for Women in Computing (WACM)

Undergraduate Representative

September 2022 – Present

University of Wisconsin, Madison

- Led biweekly tech talks for **100+** women students on course selection, grad school choices, and interviews in CS.