HUONG (AMY) DO

Madison, Wisconsin

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Education

University of Wisconsin, Madison   **Expected Graduation: December 2024**
Bachelor of Science in Computer Science and Data Science   *Madison, WI*

Experience

University of Wisconsin, Madison   **September 2023 – Present**
Frontend Web Developer   *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**.

TANAAKK   **May 2023 – August 2023**
Software Engineer Intern   *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   **January 2023 – Present**
Academic Tutor   *Madison, WI*
- Reinforced course content, assignments, and material for **300+** students in introductory CS courses weekly.

Projects

Movie Finder | *React, JavaScript, HTML, CSS*   **Demo & Github**
- Developed a user-centric movie recommendation web application, utilizing **React.js** and The **Movie Database API** to deliver personalized film suggestions and detailed movie information.

GeoWeather Task Manager | *AngularJS, JavaScript, HTML, CSS*   **Demo & Github**
- An application that dynamically displays tasks, current time, date, and local weather using the **OpenWeatherMap API**.

AI Player | *Python*   **Github**
- Created a **Python AI** game player with minimax for move prediction. Features a scoring system for non-terminal states and functions to assess possible moves, providing human players with a challenging opponent.

Social To Do | *Java, Kotlin*   **Github**
- Led a 4-member team to develop an **Android Mobile App** that merges task management with social features, offering real-time sync, location-based tasks, social sharing, and collaboration, utilizing **Firebase, Google Maps, and Instabug API**.

Inventory Log Scheduler | *Java, Linux(Ubuntu)*   **Github**
- Led a 4-member team to create a **Java** app on **Linux** for delivery order management, handling **10,000+** daily HTML orders.

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)   **September 2022 – Present**
Undergraduate Representative   *University of Wisconsin, Madison*
- Led biweekly tech talks for **100+** women students on course selection, grad school choices, and interviews in CS.