

Huong “Amy” Do

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OBJECTIVE: Computer Science undergraduate seeking a challenging Internship/Co-op to gain hands-on experience in software development and data analysis.

SKILLS:

Programming Languages: Java, JavaScript, Python, TypeScript, SQL, MySQL, C/C++, C#, Julia 1.8.

Frontend Development: React, Node.js, JavaScript, HTML5, CSS3.

Backend Development: SQL, MySQL.

Frameworks and Tools: Linux, Mac OS, Git, GitHub Actions, IDEs (Eclipse, IntelliJ, VS Code).

EXPERIENCES:

Software Developer Intern, TANAAKK - Danang, Vietnam

06/2023 - Present

- Contributing to the development of **Icuco**, a web-based platform offering time management solutions designed specifically for kindergarten management systems.
- Collaborating to develop search and sorting filters, improving data accessibility and user experience using **React.js**.
- Establishing a comprehensive user authentication system using **JavaScript**, effectively tracking user login/logout activities to ensure high-level system security and accountability.

Academic Tutor, University of Wisconsin, Madison

01/2023 - 05/2023

- Reinforced course content, assignments, and material for **200+** students in introductory CS courses weekly.

Researcher, University of North Texas e- Denton, Texas

01/2021 - 05/2021

- Conducted research about knot theory, tangle fractions, and the colorability of tangles, providing real-world examples and their mathematical interpretations.

PROJECTS:

Movie Finder | *React, JavaScript, HTML, CSS* | <https://dth2701.github.io/Movie-Finder>

07/2023

- 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.

Weather App | *React, JavaScript, HTML, CSS* | <https://dth2701.github.io/weather-app>

06/2023

- Built a responsive web application that provides users with real-time weather details, such as temperature, humidity, and wind speed, for any searched location in a visually engaging interface.

Sudoku-Solver | *C*

02/2023

- Developed a **C** Sudoku Solver using the Siamese method for any grid size, incorporating arrays, command-line arguments, file I/O, pointers, and structures, debugged with **GDB**.

Inventory Log Scheduler | *Java, Linux(Ubuntu)*

10/2022

- Developed a **Java**-based application on **Linux** to streamline and incentivize delivery orders, effectively managing over **10,000** daily orders stored in **HTML** format.

Book Mapper | *Java, Linux(Ubuntu)*

09/2022

- Led a team of 4 to develop a **Java**-based application on **Linux** that enhanced user experience by optimizing the sorting of **11,000+** books stored in CSV format.

ACTIVITIES:

Undergraduate Representative, Association for Women in Computing (WACM)

09/2022 - 05/2023

- Hold biweekly tech talks to exchange course selection, grad school vs. industry, scholarship applications, interview preparations, and building networks in computer science with **50+** students.

EDUCATION:

University of Wisconsin, Madison, B.S., Computer Science

Expected Graduation: 12/2024

Coursework: Algorithm & Data Structure, AI, Machine Organization & Programming, Optimization.

Richland College - Dallas, Texas

08/2019 - 12/2021