

Huong “Amy” Do

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[Linkedin](#) | [Portofolio](#)

OBJECTIVE: Computer Science undergraduate seeking a challenging Internship/Co-op as a Software Developer to expand my skills in backend/frontend development.

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).

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

EXPERIENCE

Software Engineer Intern

TANAACK

06/2023 - Present

- Contributing to the development of **Icuco**, a web-based platform offering time management solutions designed specifically for kindergarten management systems using **React.js**.
- Collaborating to develop search and sorting filters, improving data accessibility and user experience.
- Establishing a 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

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 (2023) | *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.

Weather App (2023) | *React, JavaScript, HTML, CSS*

[Demo](#) | [Github](#)

- 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 (2023) | *C*

[Github](#)

- 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 (2022) | *Java, Linux(Ubuntu)*

[Github](#)

- Led a team of 4 to develop 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 (2022) | *Java, Linux(Ubuntu)*

[Github](#)

- 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

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