

# Huong “Amy” Do

[dothienhuong2701@gmail.com](mailto:dothienhuong2701@gmail.com) | +1(214) 430-1849

[Linkedin](#) | [Portfolio](#)

**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.