

ANH THI TRAM TRAN

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EDUCATION

University of Wisconsin-Milwaukee

Milwaukee, WI

Bachelor of Science

Fall 2020 – Spring 2021

Major: Computer Science

GPA: 3.9/4.0; Dean's List (2 semesters)

University of Wisconsin-Madison

Madison, WI

Bachelor of Science

Fall 2021 – Fall 2023

Major: Computer Science

GPA: 3.3/4.0

Related Courses

Programming, Discrete Mathematics, Computer Engineering, Matrix and Linear Algebra, Machine Organization and Programming (C), Algorithms (Java, Python), Applied Statistics (R)

TECHNICAL SKILLS

- Programming Languages: Java, Python, C, R
- Web Programming Knowledge: JavaScript, HTML

TECHNICAL EXPERIENCES

- **MineSweeper Game** | Java UW – Milwaukee
 - Designed GUI mimicking Windows XP MineSweeper
 - Evaluated user clicks using Depth First Search on graph/adjacency matrix
- **Fish Tank** | Java UW – Madison
 - Simulated fish in a 2-D fish tank by manipulating .jpgs and moving them each frame according to stochastic motion
 - Captured user input through Javax, allowing customization of existing fish objects in real time
- **Six Degrees of Wikipedia** | Java UW – Madison
 - Created a graph of adjacent Wikipedia articles by scraping HTML data using JSoup
 - Implemented Dijkstra's Algorithm to efficiently find the shortest path between any two articles
 - Packaged and deployed .jar by Makefile, saving the team's time and resources by compiling only the necessary files
 - Collaborated within a team of 4 to develop the JavaFX front facing user interface