

Thong Yang

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Objective:

To gain work experience and be part of a fun team

Education:

Bachelor of Science in Computer Science

May 2024

Dual Emphasis in Software Engineering and in Information Assurance and Security

University of Wisconsin-Green Bay

Green Bay, WI

Major GPA 3.7/4.0

Related Coursework & Projects:

- **Software Engineering:** Worked in a group to design a Health Tracker app using java programming and SQLite. Also worked on a Software Requirement Specification document by following the Software Development Life Cycle
- **Artificial Intelligence:** Implemented searching algorithms such as breath first search, depth first search, best-first search, and A* search in python to create an AI for the game Bloxorz
- **Advanced Object-Oriented Design:** Coordinated with my group to design a bus ticketing program and a bank account system using C++ and object-oriented programming
- **Data Communication and Computer Networks:** Monitored network traffic using Wireshark and troubleshoot network issues. Utilized Putty to remote access other computers and enforce access control
- **Advanced Database:** Designed a database of video games data using Microsoft SQL and SQL Sever Mangement Studio. Did some ETL, indexing, database normalization and work on an Entity Relationship diagram on the database
- **Cybersecurity Capstone Essay:** Worked with my colleagues to research and write a scholarly article on ransomwares in healthcare organizations
- **Cloud Computing:** Hosted a static and a dynamic website using AWS, Jenkins, PHP, MySQL, and GitHub, showcasing CI/CD

Skills:

- Intermediate knowledge of software languages, including Python, C, C#, C++, Java, JavaScript, TypeScript, HTML and CSS
- Intermediate knowledge of frameworks, including ASP.NET Core, Angular, Blazor, Bootstrap, and Express.js
- SQL, T-SQL and database management systems, including Microsoft SQL, MongoDB, PostgreSQL, SQLite, and MySQL
- RESTful API and APIs documentation, including Swagger and Postman
- Amazon Web Services, Docker, Git, GitHub, Jenkins, Firebase, SQL Server Data Tools, and SSIS
- Working knowledge of Microsoft Azures and Flutterflow
- Very familiar with using Windows and Linux
- Strong verbal and written communications skills
- Hard worker, committed to meeting deadlines
- Excellent attention to details and troubleshooting skills

- Analytical and a problem solver

Work Experience:

Bookstore Worker

August 2019-June 2022

NWTC

Green Bay, WI

- Worked cash registers to complete transactions with attention to detail
- Answered students' questions or redirected them, using strong communication skills
- Stocked clothing and school supplies efficiently
- Assisted in technical questions and problems