

# Thong Yang

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<https://github.com/tyang146>

## Objective:

To gain work experience and to further develop my skills and become a software engineer or IT specialist

## 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

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 and worked on a Software Requirement Specification document
- **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
- **Advanced Database:** Designed a database of video games data using Microsoft SQL and work on an Entity Relationship diagram
- **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, showcase CI/CD

## Skills:

- Intermediate knowledge of software languages, including Python, C#, C++, JavaScript, Typescript, HTML and CSS
- Intermediate knowledge of frameworks, including Asp.Net Core, Angular, React and Express.js,
- SQL, T-SQL and database management systems, including Microsoft SQL, MongoDB, PostgreSQL, SQLite, and MySQL
- RestfulAPI and APIs documentation, including Swagger and Postman
- Caching and unit testing
- Amazon Web Services, Docker, Git, GitHub, Jenkins, and Firebase
- Working knowledge of Microsoft Power Platform, Microsoft Azures, and SQL Server Data Tools, and SSIS
- CLIs//Wireshark/Putty/Remote Desktop
- 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