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
- **Introduction to Software Design:** Worked with my colleagues to solve problem statements and write a final documentation. Learned about solution design, program testing, debugging, and documentation as a process
- **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
- **Database Design & Management:** Designed a relational database of video game data using SQL, Microsoft SQL Server, and SQL Server Management Studio. Extracted video game data from API and CSV files alongside using database normalization. Also worked on an Entity Relationship diagram
- **Cloud Computing:** Implemented IaaS using AWS EC2, Docker, and Apache web server. Also showcased CI/CD by hosting a static and a dynamic website using AWS, Jenkins, PHP, MySQL, and GitHub

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 Server, MongoDB, PostgreSQL, SQLite, and MySQL
- RESTful API and API documentation, including Swagger and Postman
- Cloud services, including Amazon Web Services, Firebase, and Microsoft Azures
- DevOps tools, including Docker, Git, GitHub, and Jenkins
- Working knowledge of Kubernetes and Flutterflow
- Unit testing and debugging
- Strong verbal and written communication skills
- Quick learner, able to adapt to new situations and technologies
- Hard worker, committed to meeting deadlines

- Excellent attention to detail, aware of most errors before they occur and ensures high-quality results
- Analytical and 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 with technical questions and problems