

# Michael Tang

Oshkosh, WI | (608) - 236 - 3524 | [linkedin.com/in/michael-tang-76bab729a/](https://www.linkedin.com/in/michael-tang-76bab729a/) | [github.com/mltang2](https://github.com/mltang2)

## EDUCATION

### Oshkosh West High School

Oshkosh, WI

Cumulative GPA: 3.93

### University of Wisconsin-Madison

Madison, WI

Bachelor's of Science, Computer Science

Cumulative GPA: 3.88

Bachelor's of Science, Data Science

Anticipated Graduation Date: 05/27

## EXPERIENCE

### Large Language Model Research Assistant

Oshkosh, WI

Machine/Deep Learning Research

May 2024 - Present

- Working under CS chair Dr. George Thomas to:
  - Assess and integrate open source large language models into applications that are able to access the interface programmatically.
  - Provide new data and fine-tune the large language models response efficiently, being mindful of hardware, memory, space, and other potential constraints.

### Machine Learning for Engineering Research

Madison, WI

Undergraduate Research

January 2024 - April 2024

- Engaged in project-based research with the Informatics Skunkworks program that involved science and engineering aspects, honing in on machine learning specifically. Collaborated with a diverse group of peers and mentors to work on delivering concise research projects that stemmed from an implementation of applied data science techniques. Continuing to develop projects based on machine learning.

## PROJECTS

- Tic Tac Toe App** - Developed an application that utilizes JavaScript, HTML, and CSS that allows two users to play a game of tic tac toe with an intuitive UI established. Implemented logic, user input, and endgame outcome. Prompts users at the end that ensures flawless rematch options.
- Daily Calorie Intake Calculator** - Prompts the user to input their weight, height, age, and gender and then provides a recommended amount of calories the person should intake per day to maintain a healthy lifestyle. This project makes use of several methods to improve code readability.
- Calculator (Add, Subtract, Multiply, Divide)** - With the use of switch cases, simple addition, subtraction, multiplication, and division is calculated.
- Find Duplicates** - Efficiently identifies duplicates from a list of numbers that has been input by the user. Through the incorporation of loops and ArrayLists, this project takes numbers input by the user and creates an ArrayList. With the use of nested for loops, duplicates are identified.

## LEADERSHIP & INVOLVEMENTS

### UW Symphony Orchestra

University of Wisconsin, WI

Violinist

- Rehearse with the University of Wisconsin-Madison Symphony Orchestra and perform in front of hundreds of students, family, faculty, and more. New music is learned constantly and concerts are performed every 2 to 3 weeks.

### LeetCode Club

University of Wisconsin, WI

Student-Group

- Participate in Bi-Weekly discussions that cover a variety of LeetCode concepts. Discuss and find the most optimal solution and algorithm pattern given a difficult problem inspired from LeetCode.
- Prepares students for future internships and jobs.

### Delta Chi Fraternity

University of Wisconsin, WI

Associate Member

## AWARDS/SKILLS/INTERESTS

- Dean's List:** College of Letters and Science Dean's List
- Technical Skills:** Java, Python, JavaScript, HTML/CSS, R, SQL, Github, IntelliJ, C++, CSS, Ollama, Docker, VSCode
- Relevant Coursework:** Programming I, Programming II, Programming III, Data Science Programming I, Data Science Programming II, Data Science Modeling I, Intro to Computer Engineering, Elementary Matrix and Linear Algebra, Discrete Mathematics,
- Languages:** English, Chinese

