

Michael Ohtake

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Education

University of Wisconsin - Madison

- Master's of Science, Computer Science Expected May 2023
- Courses: Computer Graphics, Bioinformatics

University of Michigan - Ann Arbor

- Bachelor of Science in Engineering, Computer Science May 2021
- 3.62/4.00 Cumulative GPA
- Courses: Parallel Computing, Operating Systems, Game Design, Machine Learning

Experience

University of Wisconsin - Madison, Teaching Assistant, Madison, WI Fall 2021 - Present

- Trusted to teach fundamental computer science topics in an introductory course
- Accrued valuable time-management and leadership skills through balancing coursework and teaching responsibilities

ArborHacks, Co-president, Ann Arbor, MI September 2019 – May 2021

- Organized coding workshops and competitions for local high school students
- Initiated development of a web-based auto grader for future competitions, with a focus on security and scalability

DG Technologies, Software Engineering Intern, Farmington Hills, MI Summer 2019, 2020

- Deployed production level changes to web server through rigorous testing
- Utilized PHP to communicate with and update an existing database
- Seamlessly took over lead development of a project without being able to communicate with the previous engineer
- Learned how to effectively and efficiently use version control in a professional setting
- Tasked with learning and demonstrating the capabilities of a product to an original equipment manufacturer
- Developed an application programming interface backend for *python-can*, a set of abstractions that can interface between different hardware devices and the CAN bus

Activities

Michigan Rock Climbing Club September 2018 – May 2021
University of Wisconsin Travel Club Tennis Team September 2021 – Present

Technical Skills

Proficiency in C++, Python, MATLAB, HTML, JavaScript, PHP
Experience in Java, Arduino, C#, After Effects