

DAVID WASILEWSKI

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EDUCATION

Michigan State University - East Lansing, MI

- **Expected Graduation:** Spring 2025
- **Major:** Engineering, Computer Science
- **Current cumulative GPA:** 3.621
- **Minors:** General Business, Computational Modeling Statistics and Engineering (CMSE)
- **Relevant Coursework:** Object Oriented Programming, Data Structures and Algorithms, Computer Architecture, ARM Assembly, Python, C++, managerial accounting, corporate finance, business management, business law

Forest Hills Central High School – Ada, MI 2018-2022

- Received Excellence in Computer Science Award
- Honor Roll
- National Honor Society
- Programmed computers for educational use in classrooms and a greenhouse

SKILLS AND COURSEWORK

Computer Programming - Java, C++, Python, Raspberry Pi, GitHub, JavaScript, Google Apps Script, Generative AI

Business - Manage budgets, investments, accounting, general business law, finance, business management

PROFESSIONAL EXPERIENCE

CasterDepot - Wayland, MI

- **Junior Full-Stack Developer** - *July 2023-Feb 2024*
Continued previous roles and began software development with Javascript, SQL, and Python including bulk product additions and database information updates
- **E-commerce intern** - *Feb 2023-July 2023*
Independently created and automated Amazon Storefront product uploads, data, branding, and inventory management

Mary Free Bed YMCA - *March 2022-July 2023*

Certified lifeguard, routinely test and record pool chemicals, train new employees

CeresEd Educational Content - June - Sep 2021

Created math lessons and updated curriculums in geometry, algebra 1, and algebra 2 for academically challenged students

Family Friends Veterinary Clinic - 2020-2023

Independently managed facility projects including landscaping and lawn care, trailer transport, medication delivery driver, updating facility technical equipment, special transport to MSU Vet Clinic

Tutoring - 2018-Present

Tutored 50+ college, high school, and junior high school students in computer science, math, statistics, physics, and Spanish through individual and group in-person and virtual meetings

Projects

Python Library - Created and currently maintain a Python library designed to help students learn linear algebra. Available on [GitHub](#) and [PyPI](#)

MSU Dining Web Scraper - Created JavaScript code to web scrape websites for dining on campus and filter based on student preferences. Available on [GitHub](#)

MSU Bus Route Redesign - As a submission for SpartaHack9, worked with a group to redesign and model new bus routes on campus. Available on [GitHub](#) and [Devpost](#)

MSU Student Wifi Helper - As a submission for SpartaHack8, worked with a group to create a machine learning based image processing model used to identify devices and assist students and faculty in connecting them to the wifi. Available on [Devpost](#)

EXTRACURRICULARS

Boy Scouts of America – Earned Eagle Scout rank. Selected for the Governor's Honor Guard on Mackinac Island for three consecutive summers. Numerous leadership roles.

Spartan Hackers Club - Member. Participated in four Hackathons and had two award-winning projects

MSU Software Engineering and Computing Society - Founding member, Senior Project Manager, and Chief Diversity Officer

Odyssey of the Mind – (3 years). Team placed second in regional competition and third in state competition.

COMMUNITY SERVICE

Boy Scouts- Highway clean-up, Eagle Scout projects, Mackinac Island State Park

Governor's Honor Guard – Served as Boy Scout assistant patrol leader and visitor guide at Fort Mackinac and State Park buildings, and led volunteer service projects for Mackinac Island State Park (2017 - 2019)

Kids Food Basket - Helped design and fill lunch bags. Worked on many food collection campaigns