

DAVID WASILEWSKI

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EDUCATION

Michigan State University - East Lansing, MI

- **Expected Graduation:** Spring 2025
- **Major:** Engineering, Computer Science
- **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

SKILLS AND COURSEWORK

Computer Programming - Java, C++, C#, Python, Raspberry Pi, Arduino, Git, GitHub, HTML, CSS, JavaScript, Google Apps Script, Generative AI, Microsoft Power Platform, AL

Business - Project management, business management, managing budgets, investments, accounting, general business law, finance, consulting

PROFESSIONAL EXPERIENCE

Eide Bailly - May 2024 - Present

Microsoft Development intern. Designed and developed custom solutions for clients using Microsoft D365 Business Central, Azure, Power Apps, Power Automate, Power BI

DayDream Technologies - Jan 2024 - Present

CTO, co-founder of a student-owned startup technology company. Leading 25+ interns across 6+ time zones and 7+ concurrent projects including Websites, Mobile Apps, XR, AI, ML, and AWS.

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 an [Amazon Storefront](#) page and automated 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

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

Recent Personal 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](#). Won the best hack for sustainability award

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

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 Member of a youth creative project creation and demonstration team which placed second in regional competition and third in state competition.

VOLUNTEER SERVICE

Student Advisor to MSU CSE Committees - 2024-2025 academic year

Served as the peer-appointed and elected student on the MSU CSE Advisory Committee and the MSU CSE Undergraduate Curriculum Committee. Worked with faculty to improve content and experiences for undergraduate computer science engineering students

Boy Scouts of America - 2010-2023 Highway clean-up, Eagle Scout projects, 120+ Mackinac Island State Park volunteer hours

Governor’s Honor Guard – 2017 - 2019

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

Kids Food Basket - Helped design and fill lunch bags for youth in need. Worked on numerous food collection and preparation campaigns