

# DAVID WASILEWSKI

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[Dwasilewski@DayDreamTechnologies.net](mailto:Dwasilewski@DayDreamTechnologies.net)

Connect with me on [LinkedIn](#)

## 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, supply chain management

## 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

**DayDream Technologies** - Jan 2024 - Present

CTO, co-founder of a student-owned startup technology company. Leading 30+ interns across 6+ time zones and 7+ concurrent projects including APIs, websites, mobile apps, XR, AI, ML, and AWS.

**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

**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

**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**

**Linear Algebra Python Library** - Developed and 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, collaboratively developed a machine learning vision model to identify devices and assist in connecting them to the wifi. Available on [Devpost](#). Won the best use of Velo by Wix

## **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

**Software Engineering and Computing Society** - Co-Founder, Senior Project Manager, 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

**Student Software Tester - 2024 - 2025 academic year** Worked as the sole student tester for MSUIT's development of new features in the Student Information System portal. Aided in months of testing, debugging, and brainstorming with the team.

**Boy Scouts of America - 2010 - 2023** Highway clean-up, Eagle Scout projects, 120+ Mackinac Island State Park volunteer hours, 250+ total 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