

Matthew Prince

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EDUCATION

UNIVERSITY OF MICHIGAN

Bachelor of Engineering, Major in Robotics

Cumulative GPA: 3.75; Dean's List 2022-2025

Relevant Coursework: Control Systems, Mechanical Systems, CAD, Computer Programming, Embedded Systems, Mechatronics

Awards and Honors: Detroit Club Scholarship, Michigan Comp Scholarship

Ann Arbor, MI

Expected December 2025

EXPERIENCE

DAIMLER TRUCK NORTH AMERICA

Tactical Supplier Quality Engineering Intern

Detroit, MI

May 2025 – August 2025

- Worked on engine, transmission, and axle assembly line projects surrounding quality and supplier management.
- Responded to part defects, working to improve supplier quality, in-house production, and assembly processes.
- Diagnosed quality issues with precision measurements, material science research, and human operation analysis.

UNIVERSITY OF MICHIGAN DEPARTMENTAL COMPUTING ORGANIZATION

Computer Consultant

Ann Arbor, MI

Oct 2022 – May 2025

- Installed various operating systems on a wide range of computer systems, ensuring compatibility and optimal performance.
- Diagnosed and resolved software and hardware issues for servers, computers, and other electronic devices.
- Collaborated effectively within the university's IT department to deliver timely and efficient technical solutions.

WIPRO PARI AUTOMOTIVE INTEGRATOR

Hardware Controls Intern

Rochester Hills, MI

May 2024 – Aug 2024

- Communicated with OEMs on assembly line projects, discussing project design and management.
- Troubleshooted software, hardware, and functional operation on power-train assembly machinery.
- Worked with suppliers to discuss how their products best fit customer needs and how to incorporate them into our projects

HOME DEPOT

Sales Associate

Novi, MI

Jun 2022 – Feb 2023

- Provided customer service and demonstrated strong salesmanship skills throughout different departments..
- Gained valuable insights into the supplier-to-retailer process, including inventory management, stocking procedures, and merchandising techniques.

LEADERSHIP ROLES

SENIOR CAPSTONE DESIGN

- Designed, manufactured, and implemented an autonomous mobile robot charger for OEM.
- Led team designs, brainstorming sessions, and presentations for effective and efficient workflow.

AUTONOMOUS ROBOTICS VEHICLES CLUB

- Developed diagnostic display system from Raspberry Pi to STM32 microcontroller on an embedded systems team.
- Launched progress in converting from ROS1 to ROS2 and creating new simulations for the navigation software team..

FIRST ROBOTICS

- Managed a team of 40+ high school students in the role of Mechanical Captain in a robotics competition..
- Taught many students on working with CNC mills, lathes, and other workshop machinery.

SKILLS

Communication Organization Project-Management C++/C Matlab Python Microsoft Office CAD
Technical Proficiency Customer Service Quick-Learner Adaptability Data Analytics Leadership

ADDITIONAL

Volunteering:: Tutoring, St. Aloysius-Homeless in Detroit, St. Mary's Overnight Shelter, Cars for Coffee car show fundraiser, UPSL Michigan Jaguars preparation and maintenance, Miles Christi Family Center volunteering

Professional Societies: Institute of Electrical and Electronics Engineers(IEEE), Robotics Automation Society(RAS)

Certifications: OSHA 10-hour General Industry Safety and Health