Andrew L. Myers

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Mechanical engineering student at Ohio State with a hands-on, problem-solving mindset. I enjoy math, designing, building, fixing, and leading teams. Experienced in CAD modeling, manufacturing troubleshooting, and prototype testing. Seeking an internship that combines hands-on work with problem-solving.

Education

The Ohio State University | Columbus, Ohio

Bachelor of Science in Mechanical Engineering | Expected May 2028

Overall GPA: 3.51/4.00

Mathematics: | 1151 Calc 1 (A) | 1152 Calc 2 (A) | 2153 Calc 3 (A) | 2568 Linear Algebra (A-) | 2415 ODE & PDE (A) | Numerical Methods

Technical Skills

Machining and Tools: Experience with power tools, CNC, lathes, soldering, and general machining

Languages and Software: MATLAB, Microsoft applications, SOLIDWORKS, OnShape, Arduino

Fabrication and testing: CAD modeling, 3D printing, laser cutting, material testing, quality control

Experience

Mechanical Engineering Intern | Morris Bean & Company | January-May 2025

- Built hands-on skills in measurement, CAD modeling, and mechanical problem-solving in a manufacturing environment.
- Strengthened troubleshooting abilities through equipment diagnostics, material testing, and quality-control tasks.
- Gained experience with tools, machines, laser cutting, 3D printers and basic maintenance while supporting daily production needs.
- Improved communication, teamwork, and reporting by working with engineers, technicians, and suppliers.
- Developed practical skills in customer quoting, inventory tracking, and documenting technical findings.

Agricultural Research Center - Student Assistant | The Ohio State University | Sep 2026-Present

- Support the Hope Garden program, which provides fresh produce and a hands-on therapeutic activity for patients from the James Cancer Hospital
- Operate heavy equipment including tractors and skid steers to maintain garden plots and transport materials.
- Strengthened reliability, communication, and work ethic by independently managing my schedule, consistently showing up on time, and performing daily hands-on labor

Engineering Projects

Anti-Pipe Freezing Automation System | Personal Project | 2026

- Built an Arduino system using a TC74 sensor, RFID module, stepper motor, and LCD to automate pipe freeze prevention.
- Developed simple control logic for temperature monitoring and valve actuation.
- Currently working on patenting the concept.

Hobbies and Interests

Wrestling Coach | Upper Arlington High School | November 2024-Present |

Ohio State Wrestling | Student-Athlete | Aug 2024- Jan 2025 |

Landscaping | February 2023-Present | Manage estimates, scheduling, and projects for 30+ clients.

Enjoy Traveling, Spending time outside, and exercising.