

Teagan Loughrey

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Education

Michigan State University | College of Engineering

Bachelor of Science, Mechanical Engineering

Cumulative GPA: 3.62/ 4.0; Dean's List (Fall 2024, Fall 2025, Spring 2026)

East Lansing, MI

May 2028

Projects

PC Floor Stand

Personal Project

- Modeled a custom floor-standing mount in Siemens NX to support a desktop PC tower, optimizing airflow and freeing up desk space
- Designed, iterated, 3D printed, and glued the final part

East Lansing, MI

August 2026

Longboard Mud Flaps

Personal Project

- Modeled a custom-fit mud flap in Siemens NX, shaped to wrap around the truck to reduce spray
- 3D printed and installed the final design on a personal longboard

Brighton, MI

August 2026

App and LED Display Controller

MSU Course Project

- Designed and prototyped a mobile app in MIT App Inventor as part of a 4-person team
- Planned, soldered, and programmed an Adafruit LED circuit board with a ring display driven by user input, completed within a 2-week deadline

East Lansing, MI

March 2025 – April 2025

SKILLS

CAD & Design: Siemens NX (3D modeling, sketching, part design)

Fabrication & Prototyping: 3D printing, basic soldering and circuit assembly

Experience

East Lansing, MI

Service Center Representative

November 2025 – Present

- Manage front desk operations serving 500+ residents by prioritizing requests and organizing packages and resources to maintain efficient service
- Maintain a tracked key inventory system by securely issuing and logging access, ensuring accountability and preventing loss
- Resolve lockouts, resident complaints, and high-pressure situations through effective communication and time-sensitive problem-solving

Charles Loughrey Design Landscaping

Site Lead

West Bloomfield, MI

May 2025 – August 2025

- Led a 4–6-person crew across residential projects, coordinating daily tasks, materials, and workflow to meet project deadlines
- Interpreted landscape plans and adapted layouts to site constraints while resolving client concerns and maintaining 100% client retention
- Supported hiring and scheduling of 5+ crew members to maintain reliable project staffing

Lifetime Fitness

Kids Camp Counselor / Lifeguard

Commerce, MI

August 2022 – April 2026

- Managed activities and safety for 100+ children while applying rapid decision-making and emergency response procedures
- Recognized as “Most Valuable Employee” out of 400+ employees for May and June 2024

Leadership and Extracurricular Activities

Michigan State University Men's Club Volleyball

Assistant Creative Director

East Lansing, MI

April 2025 – April 2026

- Selected as 1 of 9 board members to help lead the team's operations and creative strategy
- Participate in weekly leadership meetings to coordinate events, branding, and communication initiatives

Keep State Green Club

Treasurer

East Lansing, MI

April 2025 – Present

- Manage club finances by tracking transactions, monitoring spending, and maintaining budget records for the executive board
- Implement cost-saving strategies and monitor spending to keep the club within budget

