Eli Goreta

Location: Ann Arbor, Michigan

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EDUCATION

University of Michigan - Ann Arbor: College of Engineering
Bachelor of Science in Engineering in Computer Engineering w/ Minor in Mathematics

Ann Arbor, Michigan
August 2022 – April 2026

TECHNICAL SKILLS

Languages	:	C/C++, Java, Python, MATLAB, Swift, LaTeX, ARMv8
Relevant Coursework	:	Algorithms and Data Structures, Computer Organization, Discrete Mathematics, Calculus 1-4, Physics 1-2

EXPERIENCE

College Instructor June 2021 – Present
University of Michigan: Dearborn - Math Corps

- Instructs middle-school students on both core and advanced mathematics concepts and administrates activities
- Manages team of high-school teaching assistants
- Works closely with UM-Dearborn Mathematics faculty

Grader August 2023 – Present
EECS 183: Elementary Programming Concepts

- Grades code quality on student's programming projects
- Assists in proctoring of exams and grading of exams
- Assists at special events throughout the course, including a student final project showcase at the end of the semester

Software Team Member September 2022 – Present
Michigan Autonomous Aerial Vehicles

- Competes in biannual autonomous drone competition in which the drone must complete various strenuous physical tasks in a limited timeframe
- Designs software to aid in computer vision using OpenCV and navigational processes onboard the drone

Head Lifeguard June 2019 – August 2023
Kennedy Aquatics Center *Trenton, Michigan*

- Oversight and management of all lifeguards and pool activities
- Operates pool equipment including chlorine regulation system and water pumping system
- Certified and responsible for Red-Cross emergency protocols

Campaign Fellow December 2021 – November 2022
Jaime Churches for State Representative

- Oversight of political interns and leading voter/constituent outreach programs
- Developed campaign strategy with campaign management
- Recorded minutes for the candidate's meetings with high profile individuals

VOLUNTEER WORK

Robotics Mentor April 2022 – Present
FRC 5090 - Torquenados

- Instructs and advises students of a worlds-quality and state-championship-winning level team in robotics engineering, including advanced programming skills and algorithms, embedded systems design, and engineering design processes