# Logan Lara

East Lansing, MI | laraloga@msu.edu | (616) 264-0822 | logan-the-engineer.github.io

## EDUCATION

**Michigan State University, College of Engineering**                                     East Lansing, MI
*Bachelor of Science, Computer Engineering*                                               May 2025
GPA: 3.82/4.0
Relevant Courses: Introduction to Engineering Design, Introduction to Programming I (Python) and II (C++), Digital Logic Fundamentals

**The Potter's House High School**                                                        Wyoming, MI
*High School Diploma*                                                                     May 2021
AP Scholar with Honor

## EXPERIENCE

**TRIO Student Support Services, Michigan State University**                              East Lansing, MI
*Tutor*                                                                                   May 2022 - Present
- Utilize knowledge of academic excellence, leadership, and patience to convey learning techniques in 30+ sessions thus far to help students succeed academically
- Educate students on time management using problem-solving to give marginalized individuals resources for growth

**National Society of Black Engineers, Michigan State University**                        East Lansing, MI
*Campus Affairs Senator and President*                                                    May 2022 - November 2023
- As Campus Affairs Senator, represented chapter of 50+ members on campus, regional, and national levels by employing knowledge of empathy and facilitation, verbal and written communication, and NSBE constitution and by-laws to ensure individuals are treated fairly and advocated for
- Mobilized student leaders by presenting my vision for chapter, contributing to 97% support for presidency and first fully-staffed board since 2019
- As President, constructed task-management system using knowledge of compartmentalization and Google Sheets to increase operational efficiency of board
- Created guidelines using strategic thinking and planning to streamline cross-board communication and guide team of 16+ toward common goals

**Lear Corporation**                                                                      Dallas, TX
*Controls Engineer Intern*                                                                May 2023 - August 2023
- Discovered and fixed bug in seat functionality test's PLC code utilizing process analysis and knowledge of ladder logic, leading to 0% false-pass rate
- Leveraged IV2- and IV3-Navigator to trend data from Keyence Vision Sensor poke yoke to collect information about quality of seat assembly
- Devised backup drill contingency plan for shipping trailer PFMEA using procedure summarization skills to ensure comprehensive alternatives for seat-shipping process for 30+ trailers
- Represented Engineering Department in 20-participant Kaizen event using cross-departmental collaboration and knowledge of assembly line to diagnose and problem-solve seat trim tears

**KPMG**                                                                                  Orlando, FL
*Finalist, Future of Tech Summit Case Competition*                                        August 2022
- Operated in cross-disciplinary team of four undergraduates using critical thinking, team leadership, and objective vision to develop solution to aid community in achieving carbon neutrality
- Delivered speech and PowerPoint presentations leveraging presentation skills and executive presence to communicate solution to two panels of firm leadership for judgment between 15 teams of undergraduate and graduate students