

# Alex Devine

he/him | Ann Arbor, MI | alexdev@umich.edu | 216.870.5079  
linkedin.com/in/alex-devine-38a90122b/

## Education

### University of Michigan

Bachelor of Science in Engineering in Computer Science

Ann Arbor, MI

April 2026

- **GPA: 3.962/4.000**
- **Activities:** Michigan Research and Discovery Scholars (MRADS), Michigan Autonomous Aerial Vehicles, Michigan Data Science Team, Michigan Task Based Robotics
- **Relevant Coursework:** EECS 281: Data Structures and Algorithms, EECS 280: Programming and Intro Data Structures, EECS 203: Discrete Math, MATH 214: Applied Linear Algebra

## Relevant Experience

### WRIS Web Services

Web Development Intern

Cleveland, OH

May 2023 - Present

- Led a project to build a parent blog website from scratch using WordPress while working with other web developers and graphic designers at WRIS
- Learned web development languages include Adobe ColdFusion, HTML, CSS, Bootstrap and applied my knowledge to create public web pages for WRIS Web Services
- Actively participated in meetings and research to develop a mobile application that will be released by WRIS
- Met with leaders of the company frequently to discuss the quality of my work, and to learn about the finance and logistics of running a business

### University of Michigan: Undergraduate Research Opportunity (UROP)

Research Assistant, Maldonado Lab Group

Ann Arbor, MI

Sept. 2022 - Present

- Applied to and selected for a position in the Maldonado Lab Group, a lab at the University of Michigan focused on electrochemistry
- Collaborated with other undergraduates students, graduate students, PhD students, and Dr. Stephen Maldonado to conduct research focused on artificial photosynthesis
- Worked with MATLAB and TensorFlow to create a machine learning model using pattern recognition to analyze the experimental data gathered from the lab
- Presented research at multiple symposiums, including the National Conference on Undergraduate Research

### Dean A. Paras Student Cancer Research Internship

Intern, Case Comprehensive Cancer Center

Cleveland, OH

May 2021 - Aug. 2022

- Collaborated with physicians at University Hospitals to plan experiments to slow lung cancer growth
- Worked alongside Case Western Reserve University graduate and undergraduate students to learn new procedures and test the effectiveness of a novel drug.
- Wrote sections of a research paper using our results that will potentially be published in a medical journal.

## Leadership Experience

### Michigan Research and Discovery Scholars (MRADS) Student Leader

Technology Group Peer Advisor

Ann Arbor, MI

Aug. 2023 - Present

- Advised group of 12 first-year students to apply for, complete, and present research projects
- Planned several seminars by contacting MRADS alumni and reaching out to other researchers
- Scheduled regular meetings and held office hours to provide academic and research guidance for students

## Skills

- 5+ years of experience programming in Java for classes, robotics and personal projects
- 3+ years of experience programming in Python, Matlab, and C++ through college-level courses
- Certification in Adobe ColdFusion and Professional Experience in HTML, CSS, and Bootstrap