

# Megan Parada

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## EDUCATION

### University of Michigan

Ann Arbor, MI

Bachelor of Science | GPA: 3.787/4.0

Expected Graduation May 2025

Major in Computer Science, Minor in UX Design

- **Relevant Coursework:** Data Structures and Algorithms, Discrete Mathematics, Introduction to Computer Organization, Web Systems, Foundations of Computer Science, Introduction to Operating Systems

## EXPERIENCE

### NIKE, Inc

Beaverton, OR

Software Engineer Undergraduate Intern

June 2024 - August 2024

- Developed, designed, and marketed a comprehensive widget recommendation system in TypeScript and React, enhancing site experience for 400 users of an internal application by providing personalized content.
- Constructed a pop-up notification within forms, ensuring administrators were alerted of potential data loss.
- Implemented project timelines independently and successfully presented strategic updates to key stakeholders, effectively managing ambiguity and ensuring alignment with the project's scope and goals.

### University of Michigan

Ann Arbor, MI

Instructional Aide for Data Structures and Algorithms

August 2023 - Present

- Explained concepts relating to data structures and algorithms in a digestible format to 30 students once a week.
- Aided students in office hours with debugging of projects, while grading 150 exam questions created jointly.

### Criteo

Ann Arbor, MI

Software Engineer Intern

May 2023 - August 2023

- Created a developer tool used by over 150 employees through the Angular facade design pattern that manipulates website interface when toggled on or off to show repository ownership of frontend features.
- Manipulated 5 different endpoints with feature flags to migrate from Cerberus, a REST API, to a more sustainable .NET core application to handle calls between front and backend codebases more efficiently.
- Reduced time taken to route issues within the frontend codebase by 25% through specifying header calls.

### VOID Tech

Ann Arbor, MI

Developer

September 2022 - September 2023

- Produced a functional website that provides a comprehensive way for students to engage in campus organizations.
- Learned technologies such as HTML for frontend development while gaining knowledge of backend processes.

### GEECS (Girls in Electrical Engineering and Computer Science)

Ann Arbor, MI

Outreach Committee

January 2022 - September 2023

- Collaborated in small teams to create comprehensive programs such as a mock social media page for the purpose of teaching introductory C++ to 30 young women interested in computer science, building passion for the field.

## PROJECTS

### Virtual Closet

- Designed an interactive interface using C++ to allow a user to insert, delete, and print items in their closet through a relational database in SQLite consisting of two tables linked together through primary and foreign keys.

### Instagram Clone

- Built an interactive website using server-side dynamic pages with features including creating, updating, and deleting users, posts, comments, and likes in Python with Flask frameworking.

## SKILLS

**Languages and Frameworks:** C++, C, JavaScript, Python, HTML/CSS, Angular, Flask, ReactJS, TypeScript

**Tools and Technologies:** Git, Gerrit, Agile Development, Jenkins, SQL, Figma