

SANTIAGO MEDINA

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Passionate and creative student looking for a software development new grad position after graduation.

EDUCATION

University of Michigan

Ann Arbor, MI

Bachelor of Science in Computer Science Engineering

April 2023

GPA: 3.51/4.00

Coursework: Data Structures and Algorithms (C++), Web Systems, Machine Learning, Computer Organization (C, ARM), Computer Security, Data-Oriented Programming (Python), Probability, Discrete Mathematics, Linear Algebra

SKILLS

Programming: C++/C, Python, JavaScript, React, Flask, ASP.NET, HTML

Applications: Adobe Creative Suite, XCode, VS Code

Platforms: Windows, macOS

EXPERIENCE

Microsoft Corporation – C+E Partner Seller Experience Team

Redmond, WA

Software Engineer Intern

May 2022 – August 2022

- Improved Partner Center Marketplace search functionality by fixing deprecated practices on the back-end APIs built on ASP.NET.
- Implemented fixes to the Partner Center Marketplace site content and aesthetics, creating a friendlier user experience for Microsoft Partners.
- Improved the testing infrastructure by writing additional unit and integration tests that assess the functionality of the new features and fixes applied to the Partner Center's APIs.

University of Michigan – College of Engineering

Ann Arbor, MI

Instructional Aide for EECS 485 – Web Systems

August 2022 – Present

- Hosted office hours and lab sessions to provide secondary instruction on web development and distributed computing topics, including server-side dynamic pages, client-side dynamic pages, and MapReduce.
- Aided in the maintenance of course projects and in the writing of course exams.

University of Michigan – Center for Academic Innovation

Ann Arbor, MI

Software Developer

September 2021 – May 2022

- Took over the main design and development of an internal web platform that features user authentication, analytics, and content distribution.

VOID Tech

Ann Arbor, MI

Executive Board Member – VP of Projects

January 2022 – Present

- Involvement in the management of the organization, which includes member recruiting, project planning, and hosting development, design, or product manager workshops.
- Responsible for overseeing and managing all projects at a technical and non-technical level, providing support to Project Leads and Role Leads, and leading the integration of tools used in the design and development of the projects.

Product Manager

September 2021 – August 2022

- Managed the design and future development of a website for a local non-profit organization that helps organize travel for disabled passengers.
- Worked closely with the design and development team in the creation of wireframes, mockups, and prototypes of the website, as well as integrating SEO where possible.

PROJECTS

University of Michigan

Ann Arbor, MI

Instagram Clone

August 2021 – October 2021

- Developed an Instagram web application clone that features a secure login functionality, the ability to follow other users, post content, and interact with others' posts.
- Implemented RESTful APIs using Flask, which allowed users to perform CRUD operations on their accounts, posts, likes, and comments.
- Constructed a client-side dynamic aspect using React, where actions such as double-tap to like, adding or deleting a comment, and infinite scrolling were updated in real-time.