

Ashley Arciniega

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Education

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| Michigan State University, College of Engineering East Lansing, MI | April 2025 |
| Bachelor of Science, Major in Computer Science | |
| Michigan State University, College of Communication and Arts East Lansing, MI | April 2025 |
| Bachelor of Arts, Major in Media and Information | |

Skills

Front-end Technologies: HTML, CSS, JavaScript, React, Tailwind

Back-end Technologies: Flask, SQLite, SocketIO

Cloud & DevOps: Docker, Google Cloud Platform, Netlify

Languages: Python, C++

Design Tools: Figma, Adobe XD, Autodesk 3D, Adobe After Effects, Adobe InDesign, Adobe Illustrator

Work Experience

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|---|---------------------|
| Michigan State University | East Lansing, MI |
| Software Developer | Jan - Apr 2024 |
| <ul style="list-style-type: none">Collaborated with a team of five students to develop a web application for HAP as part of MSU senior capstone courseLed UI/UX design process, creating comprehensive Figma <u>prototypes</u> and <u>user personas</u>Utilized version control (Git) to manage collaborative code development with team membersDesigned responsive UI components and implemented front-end development using React and CSSCreated <u>project documentation</u> and produced promotional video using Adobe After Effects | |
| Michigan State University Women in Engineering K-12 Outreach Department | East Lansing, MI |
| Student Ambassador | Aug 2022 - Apr 2023 |
| <ul style="list-style-type: none">Created and led hands-on workshops teaching students HTML, CSS, and Python fundamentalsDeveloped beginner-friendly web development curriculum for K-12 studentsPresented at large-scale STEM events (300+ students) including STEM Day and Introduce a Girl to EngineeringFacilitated leadership development activities for young engineers | |
| Crowe LLP | Grand Rapids, MI |
| Product Engineer Intern | Jun - Dec 2021 |
| <ul style="list-style-type: none">Built interactive UI component prototypes using Adobe XD for implementation on the company's internal design systemDeveloped a web-based annotation library to improve communication between clients, UX designers, and front-end developersImplemented new UI elements on the company design site using HTML, CSS, and JavaScriptCollaborated with front-end developers to update internal websites to align with new design standards | |
| The Center for Spartan Engineering | East Lansing, MI |
| Graphic Design & Marketing Intern | Oct 2019 - May 2021 |
| <ul style="list-style-type: none">Created and distributed weekly HTML email newsletters using Handshake, increasing event engagementDesigned all graphics from scratch using Procreate and Adobe Creative Suite for social media, website, and print materialsDeveloped custom illustrations, infographics, and UI elements that aligned with brand identity and improved visual communicationManaged social media content across multiple platforms (Instagram, Facebook) with 3,000+ followers, creating cohesive visual storytellingProduced engaging multimedia content including animated graphics and promotional videos that garnered over 10,000 total viewsIncreased social media engagement by 300-400%, growing average post likes and comments through strategic content creation and original graphic designs | |

Projects

Dynamic Portfolio & Resume System | 2025 | [ashleyarciniega.com](https://www.ashleyarciniega.com)

- Built a database-driven resume system using SQL that dynamically renders content from backend database
- Implemented secure user authentication with encrypted sessions and password hashing
- Integrated real-time chat functionality using SocketIO for visitor communication
- Deployed using Docker containers on Google Cloud Platform with custom domain configuration