

Brandon Monge

ASPIRING TECH ENTREPRENEUR

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SUMMARY

Enthusiastic Computer Science senior at the University of Michigan, experienced as a Software Development Engineer intern at Amazon Web Services. I have a strong foundation in software development, encompassing both front-end and back-end, with skills in JavaScript, React, Next.js, Python, and more. I am confident in my ability to master new concepts and to deal with ambiguity.

Experience

Amazon Web Services (AWS)

Herndon, VA

Software Development Engineer Intern

Jun 2023 - Aug 2023

- Engineered multi-bucket reading features using AWS S3, SNS, and SQS, enhancing system scalability and operational excellence.
- Facilitated collaboration between two functional teams to develop an operational dashboard, reducing engineer response times.
- Noteworthy:** Proactively achieved AWS Certified Solutions Architect - Associate and Cloud Practitioner certifications outside of the internship, bridging knowledge gaps with the expertise of other engineers as an intern.

CoderChampions Project

Ann Arbor, MI

Personal Passion Project

Oct 2023 - Dec 2023

- Initiated 'CoderChampions', a website intending to enhance coding education with a built-in AI helper.
- Fully developed a landing page and user login functionality while utilizing self-taught learning in Firebase, Tailwind CSS, Next.js, and Figma.
- Under a Venture Capital mentorship, conducted customer interviews, surveys, competitive analysis, and more, gaining entrepreneurial insights.
- Pivoted to new ventures, enhancing project management skills, balancing entrepreneurial efforts, and advancing self-learning.

Education

University of Michigan

Ann Arbor, MI

Computer Science, Senior, College of Engineering

Aug 2021 - Current

- GPA: 3.912
- Expected Graduation: May 2025
- Ross Business Admin Minor
- Relevant Coursework:** Web Systems, Computer Security, Data Structures and Algorithms, Video Game Development, Software Engineering, Entrepreneurial Management, Lean Startup Entrepreneurship, Computer Organization

University of Michigan Evans Scholar

Ann Arbor, MI

Full-Ride Scholarship

Aug 2021 - Current

- Awarded a full housing and tuition scholarship, valued over \$100,000, based upon academic excellence, caddie record, outstanding character, and financial need
- Reside in a Scholarship House, an enriching living environment fostering collaboration and personal growth among 60+ Evans scholars

Highlights

StoryPalzzz

Ann Arbor, MI

Early-Stage Engineer

Sept 2024 - Present

- Developing StoryPalzzz, an app that brings kids' stuffed animals to life while helping them read, using React Native.
- Working collaboratively with a team while balancing classwork, driving proactive learning and meaningful development efforts.
- Focused on feature development, collecting user feedback, and improving the app through regular iteration cycles.

Instagram Clone Project

Ann Arbor, MI

University of Michigan

Aug 2023 - Oct 2023

- Developed a full-stack Instagram clone, integrating a Flask-based REST API server with a React front-end.
- Implemented advanced UI features like infinite scrolling and pagination using AJAX calls for a seamless user experience.
- Gained hands-on experience in client-side dynamic pages, asynchronous programming, and SQL.

Skills

Technical Skills JavaScript, Cloud Architecture, C++, Python, HTML/CSS, Tailwind, Unity, Figma, React, Next.js, AWS, Firebase, SQL

Soft Skills Leadership, Teamwork, Cross-Team Communication, Time Management, Problem-solving, Rapid Learning

Hobbies Walks, Running, Piano, Basketball, Golf, Chess, Podcasts, Tea, Coffee