Allison Okimoto

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linkedin.com/in/allisonokimoto | **Portfolio: https://allison-no.github.io/**

Experience

Software Development Engineer Intern   May 2025 - August 2025
Amazon, Tempe, AZ
- Designed a Java-based internal debugging tool that reduced debugging time from hours to minutes by capturing data flows in a production-safe environment, utilizing AWS and internal tools.
- Extended React UI tool to display data with graph visualization and updated documentation for team-wide adoption.
- Designed the system for extensibility and maintainability, delivered a technical design document for team design review.
- Collaborated with team members and participated in agile development through daily stand-ups, and sprint planning.

Head Graduate Student Instructor of Projects and Staff Development - EECS 280   August 2023 - Present
University of Michigan College of Engineering, Ann Arbor, MI
- Managed all six, semester project updates, EECS 280 GitHub repositories, and the EECS 280 Project Online Autograder.
- Taught a lab-style class and held office hours to assist students in completing projects and preparing for exams.
- Released project specifications and grades to all ~1,200+ EECS 280 students, while keeping staff updated through meetings.
- Led weekly staff engagement presentations and activities to support staff, onboarding, and community experience.
- Updated projects for maintainability, readability, and usability for students and teaching staff.

Online Assessment Developer   May 2024 - August 2024
University of Michigan College of Engineering, Ann Arbor, MI
- Revamped an exam online assessment tool to help students keep up with class lectures and prepare for exams.
- Developed an online question bank and assessment system that increased students' exam scores and overall grades.
- Surveyed current and past computer science course students to assess our system's needs and requirements.
- Reworked archived exam questions to be compatible with the new assessment system.

Small Business Owner   May 2019 - Present
Stuck On Allison, New York, NY
- Top 5% of all active Etsy Sellers with a 5-star rating, having sold over 2,500 products online featuring my designs.
- Identified and vetted overseas manufacturers for consistent and quality product manufacturing.
- Donated 25% of profits to pediatric cancer and blood disorder research.

Skills

Coding Languages: C/C++, Java, Python, Javascript, SQL, HTML/CSS, MATLAB, C#
Projects: https://allison-no.github.io/

Education

Master of Science in Computer Science and Engineering   August 2025 - May 2026
University of Michigan, Ann Arbor, MI | GPA: (New Student)
Relevant Coursework: **Advanced Compilers, Human Computer Interaction**

Bachelor of Science in Computer Science   August 2022 - May 2025
University of Michigan, Ann Arbor, MI | GPA: 3.8/4.0
Relevant Coursework: **Software Engineering, User-Interface Design, Web Systems, Artificial Intelligence, Computer Game Design and Development, Data Structures and Algorithms, Computer Organization**

High School Diploma | *Mathematics Concentration*   September 2018 - June 2022
High School for Math Science and Engineering at the City College of New York, New York, NY | GPA: 4.0/4.0

Volunteer Work

St. Michael's Episcopal Church, New York, NY   April 2018 - Present
- Taught Sunday school to children ages three to nine years old and facilitated craft projects.
- Managed our annual toiletry drives for the soup kitchen, sandwich distribution to the homeless at Penn Station, and poster-making for the NYC Pride March.

MIB Agents - Osteosarcoma Alliance   June 2024 - Present
- Sent 40+ letters each month to children in treatment/remission for osteosarcoma.
- Raised money for osteosarcoma research through annual fundraisers and small business.
- Attended FACTOR 2024 Osteosarcoma research conference to learn more about AI advancements in diagnosis.