Maya Noren

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EDUCATION

University of Michigan, *College of Literature, Science, and the Arts,* Ann Arbor, MI (*Expected)* **Dec. 2027**

B.S. in Computer Science Minor in Electrical Engineering Cumulative GPA: 3.964

Organizations: Korean American Student Association *Graphics Chair*, Korean Scientists and Engineers Association, Innovation for Impact

RELEVANT COURSEWORK

Intro to Computer Organization, Intro to Electronic Circuits, Data Structures and Algorithms, Programming and Introductory Data Structures, Discrete Mathematics, Linear Algebra, Calculus III, AP Computer Science A

EMPLOYMENT EXPERIENCE

Percent Coffee, *Barista,* Troy, MI **Jun. 2024 – Aug. 2025**

- Operated POS systems, handling transactions and maintaining financial accuracy.
- Developed strong communication and customer service skills while managing beverage preparation.
- Implemented organizational strategies to enhance workspace efficiency.

Troy Continuing Education, *Swim Instructor*, Troy, MI **Jun. 2023 - Aug. 2023**

- Maintained a positive and encouraging learning environment for children.
- Designed tailored lesson plans for diverse age groups, emphasizing adaptability and engagement
- Monitored participant safety, demonstrating leadership and responsibility in collaborative settings.

PROJECTS

Pest Control, *Mhacks Hackathon* Ann Arbor, MI **Sept. 2025**

- Collaborated in the creation of a lightweight Github workflow tool that allows users to automate debugging.
- Integrated the Gemini API to automatically generate code patches aimed at resolving detected bugs.
- Built a workflow system to test and iterate patches through user suites until a valid solution was found.

Simulation Queue System, *Data Structures and Algorithms Class Project,* Ann Arbor, MI **Apr. 2025**

- Utilized STL priority queues to simulate a zombie attack game given a set of seed inputs.
- Modeled in-game entities using structs and managed access via heap allocation and pointer-based containers.
- Engineered the basic functions of three styles of priority queue: sorted array, binary heap, and pairing heap.

SKILLS & AWARDS

Technical Skills: C++, C, Python, Java, HTML, Windows, Ubuntu, Git, CAD, Figma, Photoshop

Awards: Dean's List, University Honors, William J. Branstrom Award