Tina Ma

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Education

University of Michigan, Ann Arbor, MI   Expected Graduation: May, 2026
- Bachelor in Computer Engineering

Skills

C++, University of Michigan   2023
- Relevant Courses: ENGR 101, EECS 280, EECS 281, EECS 373
- Coded the popular card game, Euchre

MATLAB, University of Michigan   2022
- Relevant Courses: ENGR 101, MATH 215

Java, Lane Technical College Prep   2018
- Relevant Courses: AP Computer Science A, Intro to Computer Science

HTML, Lane Technical College Prep   2018
- Relevant Courses: Intro to Computer Science

Projects

Any Surface Touchscreen, Ann Arbor, MI   2025
- Developed a system to transform any flat surface into an interactive touchscreen
- Integrated LiDAR sensors to detect real-time finger localization
- Programmed a microcontroller to process input and control external devices
- Implemented gesture recognition with accelerometer and piezoelectric sensors

Personal Projects

Custom Wooden Magnets, Chicago, IL   2020
- Designed magnets that were etched by a laser cutter with custom designs
- Raised money for Lane Tech's Makers Lab

3D Carved Wood, Chicago, IL   2020

Etched Metal Coin, Chicago, IL   2019

Awards

College of Engineering Dean's List, Ann Arbor, MI   2022 - 2025
- Maintained at least a 3.5 GPA along with a minimum of 12 graded credits

University Honors, Ann Arbor, MI   2022 - 2025
- Achieved a minimum of 3.5 GPA with at least 14 credit hours

Extracurricular Activities

Society of Asian Scientists and Engineers, Ann Arbor, MI | Member   2022 - Present
- Establish relationships and share common experiences with like minded people

Languages

English - Native   **Taishanese** - Native   **Mandarin** - Intermediate