Ashton Kushner

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Undergraduate majoring in both Computer Science and Studio Art with experience writing code for creative and problem-solving purposes. Looking for an IT or software development internship to apply my skills for full-stack experience.

Education:

Michigan State University (Honors College**)** East Lansing, Michigan

Bachelor of Science, Computer Science (**GPA 3.811**) Aug. 2022 – Dec. 2026

Bachelor of Fine Arts, Studio Art / Painting, Minor in Comic Arts

Dean's List: Fall 2022 – Fall 2025

Courses Completed:

- Discrete Structures
- Computer Organization and Architecture
- Algorithms and Data Structures
- Computer Systems
- Object-oriented Software Development
- Software Engineering
- Artificial Intelligence Introduction
- Capstone for Henry Ford Health

Skills:

- Python, C++, JavaScript, HTML/CSS, PHP, SQL
- XML, GUI Development, Docker
- Word (Expert), Excel, PowerPoint, GitHub, UML
- Great communication skills and an aptitude for asking relevant questions. Currently developing leadership and networking skills as president of MSU Graphic Novels Club

Projects:

- Henry Ford Innovations Electronic Lab Users Guide Capstone / CSE 498 Dec. 2025
  Collaborated on an improvement of the current Lab Users Guide for the Henry Ford Pathology team. Used PHP, MS-SQL, CSS, JS (WISP Tech Stack).
- Guitar Hero (C++) – Object-Oriented Software Development / CSE 335 March 2024
  Collaborated on a GUI with menus for a mock-up of guitar hero with audio, keypresses, and reading XML. Collaborated with a group using GitHub with focus on object-oriented programming. Also focused on UML for the design.
- ADB Team Project / CSE 434 Nov. 2024
  Worked with a team of other students to create a mock-up of a solution for an adaptive driving beam in unity. Used XML and general software engineering practices.
- AVL Tree Project (Python) - Algorithms and Data Structures / CSE 331 Nov. 2023
  Created a self-balancing AVL Tree with dictionaries to predict the weather given a margin of error and temperature values.

Activities:

- President of MSU Graphic Novels Club March 2024 - Present
- Networking Chair/Treasurer of MSU Tau Beta Pi April 2024 - Present

Awards:

- Dr. James Burnett Scholarship (Engineering) Oct. 2025
- Jens Plum Scholarship (Fine Arts) May 2025
- Hackathon Winner, 1st Place in Comedy Track at MSU Spartahack Jan. 2024

Employment:

- **Bubba's 33,** Fry cook Dec. 2021-22