

AANYA MISHRA

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EDUCATION

University of Michigan

Aug 2025 – May 2029 (Expected)

Bachelor of Science in Computer Science

Lynbrook High School

Aug 2021 – Jun 2025

Relevant Coursework: Programming and Introductory Data Structures; Discrete Mathematics; Introduction to Big Data and Analytics; Data Abstraction and Structures; Intro to Graphic Design: Vector; Honors SQL, Data Science, and Artificial Intelligence; Data Analytics Using Python; AP Computer Science A; Intro to Computer Science

Awards and Achievements: AP Scholar with Distinction Award (July 2025), Commendation from San Jose Mayor and City Council (Jun 2025), Triple Octofinalist at Invitational UC Berkeley Debate Tournament (Feb 2025), Honorable Mention for NCWIT AIC High School Award (Feb 2024), 2nd Place at Stanford ASES Ideathon (May 2023), President's Volunteer Service Award (Gold) (April 2023, May 2022), 1st Place at Girls ReCode Hacks (Mar 2023), 1st Place at AMD All Girls International Hackathon (Dec 2022), 1st Place in Visual Arts at Lynbrook PTA Reflections (Nov 2021)

TECHNICAL SKILLS

Languages: Java, Python, C++ , JavaScript, SQL, HTML, CSS

Developer Tools: Visual Studio Code, Figma, Blender, Adobe Illustrator, Adobe InDesign, Clip Studio Paint, Unity, Protokie, Spline, Uizard, IntelliJ

Libraries: Pandas, Matplotlib, JFrame, JFreeChart

EXPERIENCE

Researcher and Game Designer

Jan 2026 – Apr 2026

University of Michigan ArtsEngine FEAST Program

Ann Arbor, MI

- **Developing digital games** modeling Qazvin's water infrastructure to explore ancient sustainability technologies
- Using interactive storytelling and computational thinking to educate students on environment and cultural history

Design Intern

Jun 2024 – Sep 2024

Irislogic

Santa Clara, CA

- Designed an AI ChatBot to streamline customer education on technical product details for a manufacturing firm
- Self-learned **Figma** and transformed wireframe diagrams into app components using **JavaScript, HTML, and CSS**
- Utilized **StreamLit** with the **OpenAI API** to create a web app that generates responses to queries based on CSV data
- Designed 3-D models and animations using **Spline** and **Sketchfab** to create an engaging user experience

VOLUNTEERING

San Jose District 1 Youth Commissioner

Jun 2023 – Jun 2025

San Jose Youth Commission

San Jose, CA

- Part of the **11-member youth advisory group** to the Mayor and City Council, representing **248,000 youth**
- **Co-authored policy** to implement domestic violence and human trafficking helpline placards in San Jose restrooms
- Organized a Career Exploration Fair with **14 student-led organizations** and **250+ attendees**
- Hosted annual Budget Summit in 2024/2025 with **70+ attendees** to draft a budget priorities letter to City Council
- Worked with San Jose State University's Urban Planning Research Team on a citywide plan to promote transit use

Genre Editor

Sept 2022 – Jun 2025

Lynbrook High School's Art and Literary Magazine (Vertigo)

San Jose, CA

- Hosted weekly meetings and lead artist workshops for a team of **40+ members** to produce **100+ illustrations**
- Trained a team of 22 students in **designing 50+ magazine pages** with Adobe InDesign as the Production Lead
- Awarded a **First Class Ranking** in the 2024 NCTE Recognizing Excellence in Art and Literary Magazines program
- Organized fundraisers for the production of our annual print issue and **raised \$2,000**

Marketing and Design Committee Member

May 2022 – May 2025

Cupertino Teen Advisory Council

Cupertino, CA

- **Mentored students** in designing and developing engineering projects for our annual Science Competition
- Created graphic designs for our Instagram page and helped **develop our website** to effectively promote events
- **Organized and led booths** in the annual Silicon Valley Fall Festival to introduce **150+ students** to STEM subjects
- **Hosted workshops** to teach 50+ students essay writing, video creation, ideation, research, and communication