

CINDY YANG

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EDUCATION

University of Michigan

BSE Computer Engineering + Robotics

Cumulative & Major GPA: 4.00/4.00 • Honor Roll + Dean's List

Relevant Coursework: Operating Systems, Computer Networks, Embedded Systems, Deep Learning, Optimization, Signals, Circuits, Prototyping, Logic Design, Differential Equations, Discrete Math, Probability & Statistics

Ann Arbor, MI

May 2026

Thomas Jefferson High School for Science and Technology

Advanced Studies Diploma

GPA: 4.59/4.00 • SAT: 1590

Relevant Coursework: Machine Learning, Computer Vision, Linear Algebra, Multivariable & Vector Calculus, Artificial Intelligence, Web/Mobile Application Development, Data Structures & Algorithms

Alexandria, VA

June 2023

WORK EXPERIENCE

Jane Street

Software Engineering Intern

- Incoming!

New York City, NY

May 2026 - August 2026

Google

Software Engineering Intern (YouTube Team)

- Redesigned the Comments entry point on the Posts shelf to redirect users to a Channel Posts Engagement Panel, resulting in a more seamless and consistent commenting experience with ~750K users per day
- Developed and launched high-priority user experience enhancements for an M0 Posts Experience project, aligning the user journey with the existing Shorts experience; features include backwards edge swipe and single-tap navigation experiences, feedback mechanism to surface user insights, top bar overflow menu, and search bar.

San Bruno, CA

May 2025 - August 2025

Google

STEP Intern (Geo Team)

- Integrated Project IDX into the Google Maps Platform experience using TypeScript and Angular by adding a sandbox button to the two pages with highest traffic from new users, increasing mobile developer activation rate by 2.5%
- Prevented API key abuse and protected customer security by restricting the creation of new API keys
- Developed analytics SQL scripts to track client-side events and determine the efficacy of launch experiments

Mountain View, CA

May 2024 - August 2024

Vytal AI

Founding Full-Stack Developer

- Developed a quantitative brain health assessment app using Next.js, MongoDB, and Tailwind, bringing in over 1.3M in investments and a 12.5M valuation

Remote

June 2023 - December 2024

PROJECT EXPERIENCE

IMC Prosperity 3

- Ranked top 1% globally (31st in the US) in premier quantitative trading competition
- Implemented algorithms for market making, mean reversion, and arbitrage trading strategies

April 2025 - May 2025

M-Fly - Aerospace Engineering Project Team

Autonomous Systems Director

- Direct subteams to build and integrate software for an aircraft capable of autonomous flight and navigation
- Interface with firmware on the Pixhawk and Jetson Nano to monitor control surfaces, payload mechanism, and antennas
- Create an asynchronous pipeline to handle computer vision processing and transmission between the plane and ground station

Ann Arbor, MI

August 2023 - Present

RELEVANT SKILLS

Languages: Java, Python, JavaScript, TypeScript, C++, C, HTML, CSS, R, SQL, OCaml

Tools/Frameworks: React.js, Angular, Git, ROS, Matlab, Linux, PCB design + soldering, CAD/prototyping, electronics