

Ethan Wen

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EDUCATION

Princeton University, Princeton, NJ Expected May 2029
B.S.E. in Electrical & Computer Engineering
Intended Minors/Certificates: Computing, Society & Technology; Computer Science

City Colleges of Chicago, Chicago, IL Jun 2024 - Jul 2025
Associate's Degree in General Studies, Early College Program
Relevant Coursework: Calculus & Analytic Geometry III; Linear Algebra

University of Chicago, Chicago, IL Jun 2023 - Mar 2025
Summer Bridge, College Academic Bridge
Relevant Coursework: Readings in World Literature I & II; Physics of Stars: An Introduction

Walter Payton College Preparatory High School, Chicago, IL Jun 2025
High School Diploma
Awards: 1st in State in CyberPatriots XVI Semifinal Round; 2nd in IEEE SSCS Arduino Contest 2024

EXPERIENCE

Digital Creators Intern (Spatial Computing), **Project:VISION, Inc.**, Chicago, IL Jun 2025 - Jul 2025

- Designed interactive spatial computing experiences using Spline and Reality Composer, creating AR-ready 3D environments and prototypes for deployment on platforms including the Apple Vision Pro.
- Selected to showcase project work at Apple's Everyone Can Code Showcase, demonstrating creativity, technical execution, and user-centered design.

Microelectronics Program Participant, **MIT Beaver Works Summer Institute** Jul 2024 - Aug 2024

- Completed an intensive 80–100 hour microelectronics curriculum involving lectures, labs, and technical assignments that introduced concepts in embedded systems and circuit behavior.
- Partnered with a national cohort of 40–60 students to solve hardware-focused challenges, strengthening technical communication and teamwork.
- Designed and presented a capstone microelectronics project, synthesizing learned techniques into a functional prototype and receiving instructor feedback on design performance.

ACTIVITIES

Member, **Princeton University Robotics Club**, Princeton, NJ Sept 2025 - Present

- Participate in hands-on robotics and computing projects, including PC hardware configuration, firmware workflows, and system-level troubleshooting.

Co-Founder, **Cantonese Language & Culture Club**, Chicago, IL Sept 2023 - Jun 2025

- Organized weekly meetings and cultural events to promote Cantonese language learning and community building.

SKILLS & INTERESTS

Language Skills: English (native); Cantonese Chinese (native); Mandarin Chinese (professional proficiency)

Technology Skills: Python; C++; Arduino / ESP32; HTML / CSS / JS; LaTeX; Git; Circuit Fundamentals; PCB design basics; Spline; Reality Composer.

Interests: Spatial Computing; Microelectronics; Robotics; East Asian Culture; Modern Chinese History; 3D Modeling & Design; Astrophysics.