

Tina Chen

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EDUCATION

Swarthmore College, Swarthmore, PA

Graduating May 2025

B.A. in Architectural Studies & Computer Science

GPA: 3.78

Honors/Awards/Scholarships: Philip Evans Scholar, Richard Rubins Scholar

Coursework: Software Engineering, Web Development, Operating Systems, AI, DSA, Computer Systems

TECHNICAL PROJECTS

Swat Maps: Swarthmore College

HTML, CSS, JavaScript, Leaflet, Flask, MySQL

- Created a web map application to aid students, faculty, and staff in navigating Swarthmore's campus
- Features include geolocation, destination searching, search autocomplete, floorplans, and images of entrances
- Implemented with Leaflet library, Leaflet plugins, Flask, and MySQL

Tree Equity Advocacy: Code Path

HTML, CSS, JS

- Developed a website centered on educating users about tree equity and tree advocacy
- Connected users to resources for getting involved or learning more about the topic

Crumb Café POS System: Swarthmore College Computer Society

Material UI, React.js, Next.js, Docker

- Collaborating with a team of 3 to design and develop a POS system for Crumb Café
- Designed Crumb Café ordering screen interface and layout using Figma
- Developing interface with Material UI, Node.js, React, HTML, CSS, & JavaScript

PROFESSIONAL EXPERIENCE & LEADERSHIP

Information Technology Student Associate: Swarthmore College

Aug 2023 – Present

- Resolve tickets and requests for 1600+ students and 100+ faculty and staff members
- Serve as a tech liaison for the Swarthmore technical bubble that uses cloud-based systems and APIs
- Image campus owned devices and manage inventory
- Collaborate with a team to ensure efficient and effective problem solving and troubleshoot issues

Green Advisor: Swarthmore College, Office of Sustainability

August 2022 – May 2023

- Collaborated with Nether Providence's EAC to research solar panels for two township buildings
- Produced 5-page report on Solar Panel Project to Board of Commissioners resulting in the transition to a new energy provider and budgeting approval for upcoming fiscal year
- Serve as a zero-waste expert, advocate for greater environmental consciousness, and point of contact for questions about waste management, sustainability, environmental justice, and similar topics
- Educated and supported 260+ freshman students as a residential peer leader
- Planned and hosted sustainability community events (100+ in attendance)

College Access Specialist: College Depot, City of Phoenix, Phoenix, AZ

May 2022 – August 2022

- Met with 10 students weekly over the summer to ensure a smooth & successful transition to college
- Guided students in searching/applying for scholarships, FAFSA, matriculation tasks, and course scheduling
- Produced & presented slides for 5 summer college workshops with over 300 participants in total
- Pioneered College Depot's social media presence by producing Instagram reels content that resulted in over 300 new followers and 50k+ views in reels in under 3 weeks

SKILLS & INTERESTS

Programming Languages & Frameworks: HTML, CSS, Java, JS, MUI, React, Python, C++, C, Flask, MySQL

Design Software: Illustrator, Photoshop, Blender, Figma, Fusion 360, AutoCAD, Rhino