

# 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: Data Structures and Algorithms, Computer Systems, Software Engineering, Web Development

## 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 (50+ in attendance)

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

**May 2022 – August 2022**

- Met with 7 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
- Created/presented slides for 5 summer college workshops with over 300 participants in total
- Produced and designed social media content resulting in over 300 new followers and 50k+ views in reels

## SKILLS & INTERESTS

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

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