

Tina Chen

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EDUCATION

Swarthmore College, Swarthmore, PA **Graduating May 2025**
B.A. in Architectural Studies & Computer Science **GPA: 3.8**
Coursework: Software Engineering, Web Development, Operating Systems, Artificial Intelligence, Computer Systems
Organizations: Google Developer Student Club, WiC+S, Swarthmore Computer Society, RTC, Sigma Xi

PROFESSIONAL EXPERIENCE & LEADERSHIP

Code Path Tech Fellow **July 2024 – Present**

- ◆ Lead breakout rooms of five students learning introductory web development to promote collaboration
- ◆ Host weekly office hours to assist with weekly assignments and provide technical support
- ◆ Recruit students for future Code Path courses & build connections w/ Swarthmore clubs and organizations

Information Technology Student Associate (Team Lead) @ Swarthmore College **Aug 2023 – Present**

- ◆ Resolve dozens of tickets weekly for an institution of 1600+ students and 100+ faculty and staff members
- ◆ Lead and trained a team of fourteen student associates to ensure efficient and effective customer service
- ◆ Serve as a tech liaison for the Swarthmore technical bubble that uses cloud-based systems and APIs

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 a five-page report and presented to Nether Providence Board of Commissioners resulting in the transition to a new energy provider and budgeting changes and approval for upcoming fiscal year
- ◆ Served as a residential peer leader for 260+ freshmen and campus zero-waste and sustainability liaison
- ◆ Planned and hosted five sustainability community events (100+ in attendance)

College Access Specialist @ College Depot, City of Phoenix, AZ **May 2022– August 2022**

- ◆ Met and mentored ten 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 five summer college workshops with over 300 participants in total
- ◆ Pioneered College Depot's social media presence by producing Instagram reels - resulted in over 300 new followers and 50k+ views in reels in under three weeks

TECHNICAL PROJECTS

Restz: FemmeHacks 2024 Winner **February 2024**

- ◆ Won **Most Innovative Hack Award** at UPenn's FemmeHacks 2024
- ◆ Created platform to empower individuals to easily locate gender-neutral bathrooms across UPenn's campus
- ◆ Promotes awareness for necessary facilities for minorities and aims to create a more inclusive environment
- ◆ Full stack website built with HTML/CSS, JavaScript, Firebase, and Leaflet.JS and plugins

Othello AI Player **Spring 2024**

- ◆ Implemented an AI Othello player using Minimax, depth limits, and alpha-beta pruning algorithms
- ◆ Tested and analyzed AI performance using heuristics and static evaluators based off of Othello strategies
- ◆ Built using Python and Artificial Intelligence algorithms

Swat Maps **Fall 2023**

- ◆ Built a full stack web application to aid students, faculty/staff, and ITS in navigating Swarthmore's campus
- ◆ Features include geolocation, destination searching, floorplans, and entrances images
- ◆ Built using HTML/CSS, Javascript, Leaflet.JS and plugins, Flask, and MySQL

SKILLS & TOOLS

Coding Skills: Front-end development, UX & UI design, Databases (Supabase), HTML, CSS, JavaScript, React.js, Python, C++, C, Flask, MySQL, Node.js, Agile Development, Scrum, Artificial Intelligence, Machine Learning

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