Tina Chen

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EDUCATION

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

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**
- Mentored ten students – providing a smooth college matriculation and transition process with 100% enrollment
- 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

nextGen   **July 2024**
- Developing a web application to aid marginalized students in finding career opportunities and networking
- Lead and managed a team of 4 to design, implement, test, and reiterate project outcomes
- Built using MongoDB, HTML/CSS, JavaScript, Next.js, Figma, and Canva

Restz: FemmeHacks 2024 Winner (Most Innovative Hack)   **February 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 campus space
- Full stack website built with HTML/CSS, JavaScript, Firebase, Leaflet.JS and plugins

Othello AI Player   **April 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

SKILLS & TOOLS

Coding Skills: Front-end development, UX & UI design, Databases, HTML, CSS, JavaScript, React.js, Python, C++, C, Flask, MySQL, Node.js, Agile Development, Scrum, Artificial Intelligence, Machine Learning, APIs
Design Software: Figma, Illustrator, Photoshop, Blender, Fusion 360, AutoCAD, Rhino