

Christine Tao

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EDUCATION

Cornell University

Ithaca, NY

College of Engineering: BS in Operations Research and Information Engineering

2024 – 2028

Coursework: Object Oriented Programming, Data Structures, Machine Learning, Natural Language Processing, Data Science

Cumulative GPA: 4.0

Horace Mann School

Bronx, NY

High School Diploma | ACT: 35

2020 – 2024

PROFESSIONAL EXPERIENCE

Cornell Engineering – ML Research

January 2026 – May 2026

ML Researcher

Ithaca, NY

- Designed and built an LLM-powered automated workflow to score 190+ third-party privacy policies for the Cornell Library System, transforming unstructured legal documents into structured, comparable data assets
- Increased scoring accuracy by over 50% through systematic experimentation with NLP techniques, prompt engineering strategies, input size, temperature, and multi-agent architectures
- Delivered findings in a written report and slide deck with future steps and recommendations, enabling future research and adoption into the library's existing legacy systems with minimal friction

STEM Next Opportunity Fund

May 2026 – Present

Data Science & SWE Intern

Remote

- Leading an initiative to integrate public datasets with internal organizational metrics, developing metadata structures and coding narrative data from grantee reports alongside quantitative indicators to support strategic funding decisions
- Building a forecasting model to predict the impact of funding interventions on youth STEM outcomes, designed to be leveraged directly in donor sourcing and grant strategy
- Cleaning public datasets in Python and SQL; visualizing findings through Tableau dashboards for non-technical stakeholders

DUMPS | YC 2020

June 2024 – August 2024

Product Research Intern

New York, NY

- Conducted 8 structured user interviews to gather insights, informing the pitch and development of 3 new product features
- Monitored growth metrics and analyzed user behavior trends to surface actionable opportunities and inform audience targeting

PROJECTS & LEADERSHIP

Birdal – Mobile App (Xcode, Swift, Python)

Ongoing

- Building a virtual birding journal using GitHub-based version control, audio and visual bird identification, and AI classification models integrated through APIs and custom machine learning workflows
- Designed for education and community, the app lets users build and share their bird knowledge with friends.

Hungarian Algorithm Simulator (HTML, CSS, JS)

2025

- Built an interactive educational tool to help students practice the Hungarian Algorithm as a teaching assistant for ENGR1101, translating a complex optimization method into an accessible, guided web experience

Cornell App Development – Marketing Lead

February 2025 – May 2026

- Grew sub-team productivity and satisfaction by over 50%, leading the marketing team across campaigns and launches
- Led user research and feature development and implemented product launch campaigns to drive audience growth

Anabel's Grocery – Operations Coordinator

May 2026 – Present

- Redesigned operational data collection workflows, increasing accuracy by over 25% and raising staff confidence to 95%
- Overseeing the design of a tool to automate the shift scheduling process, expected to increase efficiency by 75%

SKILLS & INTERESTS

Languages and Tools: GitHub/Version Control, Tableau, Java, HTML/CSS/JS, Xcode/Swift, Python, Pandas, SQL

Machine Learning: Natural Language Processing, Prompt Engineering, LLM Workflow Design, Multi-Agent Systems

Interests: Music (guitarist in a student band), Rock Climbing, Hiking, Art History, Soccer, Baking, Learning 'Ōlelo Hawai'i