

Caroline Choi

✉ cchoi1@stanford.edu • 🌐 cchoi1.github.io • 📄 cchoi1 • 🐦 carolineschoi

Education

Stanford University <i>Ph.D. Computer Science</i>	2024–Present
Stanford University <i>M.S. Computer Science</i> Advised by Chelsea Finn	2022–2024
Stanford University <i>B.S. Mathematics, With Distinction</i>	2019–2023

Honors & Awards

National Science Foundation Graduate Research Fellowship	2024
National Defense Science and Engineering Graduate Fellowship (<i>declined</i>)	2024
Stanford EDGE Fellowship	2024
Sterling Award for Scholastic Achievement Awarded to the top 25 graduating seniors in the Stanford School of Humanities & Sciences.	2023
Phi Beta Kappa Awarded to 120 graduating seniors for academic excellence.	2023
Tau Beta Pi Awarded to the top 12.5% of juniors in the Stanford School of Engineering.	2022
Joint Mathematics Meetings Outstanding Poster	2021
Dingwall Korean Ancestry Grant Awarded to one undergraduate of Korean ancestry for academic excellence.	2019

Publications & Patents

Caroline Choi*, Yoonho Lee*, Annie Chen, Allan Zhou, Aditi Raghunathan, Chelsea Finn. LOFT: Learning an Objective for Robust Fine-tuning. *NeurIPS DistShift* 2023.

Caroline Choi*, Fahim Tajwar*, Yoonho Lee*, Ananya Kumar, Huaxiu Yao, Chelsea Finn. Conservative Prediction via Data-Driven Confidence Minimization. *Transactions on Machine Learning Research*, 2024.

Huaxiu Yao*, **Caroline Choi***, Bochuan Cao, Yoonho Lee, Pang Wei Koh, Chelsea Finn. Wild-Time: A Benchmark of in-the-Wild Distribution Shift Over Time. *NeurIPS* 2022.

Mateo Attanasio*, **Caroline Choi***, Andrei Mandelshtam*, Charlotte Ure*. Symbol Length in Brauer Groups of Elliptic Curves. *Proceedings of the American Mathematical Society*, 151 (2023): 5031-5046.

Talia Blum*, **Caroline Choi***, Alexandra Hoey*, Jonas Iskander*, Kaya Lakein*, Thomas Martinez*. On Class Numbers, Torsion Subgroups, and Quadratic Twists of Elliptic Curves. *Transactions of the American Mathematical Society* 375, no. 1 (2022): 351-368.

Aman Agrawal*, **Caroline Choi***, Nathan Sun*. On Permutation Weights and q -Eulerian Polynomials. *Annals of Combinatorics* 24, no. 2 (2020): 363–378.

Caroline Choi. Method for Diagnosing, Predicting, Determining Prognosis, Monitoring, or Staging Disease Based on Vascularization Patterns. *U.S. Patent 11,200,666, issued December 14, 2021.*

Industry Experience

Snap <i>Machine Learning Engineer Intern, Perception</i>	6/2022—9/2022
--	---------------

Meta
Software Engineer Intern, AI Infra Privacy & Security

8/2021—11/2021

Service

Tau Beta Pi (Engineering Honor Society)
Professional Development Chair

9/2022—6/2023