

Rohan Chauhan

 [linkedin.com/in/rmchauhan03](https://www.linkedin.com/in/rmchauhan03)  rmchauha@uci.edu

EDUCATION

University of California, Irvine

Ph.D in Computer Science

Irvine, CA

Aug 2024-May 2029

Advisor: Ioannis Panageas

University of California, Berkeley

Bachelor of Arts in Applied Mathematics, Computer Science; GPA 3.92

Berkeley, CA

Jun 2020-May 2024

Relevant Coursework: Data Structures, Algorithms, Probability & Stochastic Processes, Linear Algebra, Comp. Arch, Multivariable Calc., Machine Learning, Real Analysis, Numerical Analysis, Theoretical Statistics, Random Processes, Complex Analysis

Awards: High Honors (Mathematics), Distinction (College of Letters and Sciences)

PUBLICATIONS

On the Computational Complexity of Performative Prediction

Preprint (arXiv:2601.20180)

Ioannis Anagnostides, Rohan Chauhan, Ioannis Panageas, Tuomas Sandholm, Jingming Yan

Learning Ising Models under Hard Constraints using One Sample

The Fourteenth International Conference on Learning Representations (ICLR '26)

Rohan Chauhan, Ioannis Panageas

Statistical Inference in Latent Convex Objectives with Stream Data

16th International OPT Workshop on Optimization for Machine Learning (OPT '24 @ NeurIPS '24)

Rohan Chauhan, Emmanouil-Vasileios Vlatakis-Gkaragkounis, Michael I. Jordan

WORK EXPERIENCE

Archimedes Research Unit

Research Associate

Athens, Greece

Jun 2025-Aug 2025

- Conducted research on learning and sampling from discrete distributions under truncation
- Investigated efficient inference algorithms for reconstructing phylogenetic networks from extant samples

Walleye Capital

Boston, MA

Quantitative Research Intern @ Quantic

Jun 2023-Aug 2023

- Equities alternative data for forecasting revenue and earnings from transactions and employment; Created medium frequency equity signals using linear models, clustering, and dimensionality reduction techniques
- Built analytics dashboard that ingests style factor and stock attribution data to monitor equity portfolio risks

Celona

Cupertino, CA

Core Software Engineering @ ML Ops Team

Jun 2022-Aug 2022

- Featurized cellular network packet data and converted packets into objects for use in ML pipeline
- Wrote ML-Ops data collection and featurizer microservices that integrate within the existing codebase

INVITED TALKS

Learning Ising Models under Hard Constraints using One Sample

UCI Computer Science Theory Seminar

Nov 2025

Learning Ising Models under Hard Constraints using One Sample

Archimedes AI Statistical Learning Theory Seminar

Feb 2026

SKILLS

Languages: Python, Java, C, SQL, R, Go,

Tools: Pandas, statsmodels, sklearn, Matplotlib/Seaborn, git, Scipy, cvxpy, PyTorch, Excel, RegEx, Latex

SERVICE

Reviewing: NeurIPS '24, '25, ICML '26