



Rohan Chauhan

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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

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

PAPERS UNDER REVIEW

Inference from Dependent Streams: Gradient Descent in Time Series

39th Conference on Neural Information Processing Systems (AISTATS '26)

Rohan Chauhan, Emmanouil-Vasileios Vlatakis-Gkaragkounis

Learning Ising Models under Hard Constraints using One Sample

39th Conference on Neural Information Processing Systems (ICLR '26)

Rohan Chauhan, Ioannis Panageas

Extremal Sets Of Perfect Matchings In K_{2n}

Journal of Combinatorial Design

Rohan Chauhan, Jeremy Chow, Michael E. Orrison, Finn Southerland

WORK EXPERIENCE

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

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