Rohun Agrawal

rohunagrawal@gmail.com +1 (650) 944-9301
rohunagrawal.github.io linkedin.com/in/rohun-agrawal/

Education

Columbia University 2025 – Present
PhD Computer Science
Co-Advised by Micah Goldblum and Pavel Izmailov

California Institute of Technology 2021 – 2025
BS Applied and Computational Mathematics
Minor: Computer Science
GPA: 4.1/4.3

Publications

Visual Agentic AI for Spatial Reasoning with a Dynamic API
D. Marsilli*, R. Agrawal*, Y. Yue, G. Gkioxari
Conference on Computer Vision and Pattern Recognition (CVPR) 2025

Holistic Mapping of the Present-day Martian Seasonal CO2 Frost: Part 1
S. Diniega, G. Doran, S. Lu, M. Wronkiewicz, J. Widmer, R. Agrawal, U. Rebbapragada
Planetary Science Journal 2025

Alternating Phase Langevin Sampling with Implicit Denoiser Priors for Phase Retrieval
R. Agrawal, O. Leong
International Conference on Acoustics, Speech, and Signal Processing (ICASSP) 2023

Work Experience

Apple, Media Analysis Team June 2024 – September 2024
- Trained large video models to improve inference speed while matching quality
- Selected as 1 out of 10 interns to present to Craig Federighi, SVP and head of the Software Engineering Org

NASA Jet Propulsion Lab, ML Group June 2023 – September 2023
Machine Learning Intern
- Researched calibration of a Gaussian Process Regression model for Martian frost likelihood

Teaching

EE 150: Introduction to Deep Learning (TA) Winter 2025
ACM 116: Introduction to Probability Models (TA) Fall 2024
ACM 104: Applied Linear Algebra (TA) Fall 2023

Service

Reviewer, Transactions on Machine Learning Research (TMLR)