

Rohun Agrawal

rohunagrawal@gmail.com
rohunagrawal.github.io

+1 (650) 944-9301
linkedin.com/in/rohun-agrawal/

EDUCATION	Columbia University PhD Computer Science Co-Advised by Micah Goldblum and Pavel Izmailov California Institute of Technology BS Applied and Computational Mathematics Minor: Computer Science GPA: 4.1/4.3	2025 – Present 2021 – 2025
PUBLICATIONS	Visual Agentic AI for Spatial Reasoning with a Dynamic API D. Marsilli*, <u>R. Agrawal*</u> , Y. Yue, G. Gkioxari <i>Conference on Computer Vision and Pattern Recognition (CVPR) 2025</i> Holistic Mapping of the Present-day Martian Seasonal CO2 Frost: Part 1 S. Diniega, G. Doran, S. Lu, M. Wronkiewicz, J. Widmer, <u>R. Agrawal</u> , U. Rebbapragada <i>Planetary Science Journal 2025</i> Alternating Phase Langevin Sampling with Implicit Denoiser Priors for Phase Retrieval <u>R. Agrawal</u> , O. Leong <i>International Conference on Acoustics, Speech, and Signal Processing (ICASSP) 2023</i>	
WORK EXPERIENCE	Apple, Media Analysis Team <ul style="list-style-type: none">• 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 Machine Learning Intern <ul style="list-style-type: none">• Researched calibration of a Gaussian Process Regression model for Martian frost likelihood	June 2024 – September 2024 June 2023 – September 2023
TEACHING	EE 150: Introduction to Deep Learning (TA) ACM 116: Introduction to Probability Models (TA) ACM 104: Applied Linear Algebra (TA)	Winter 2025 Fall 2024 Fall 2023