

New York University

Research Assistant

- Ultra Long Context LLMs
- Latent Reasoning

*New York, NY
Aug 2025 - Present*

Relace AI

Research Intern

- Training SWE agents with RL
- Multi-node distributed training for MoE

*San Francisco, CA
June 2025 - Aug 2025*

Columbia Engineering, Electrical Engineering

Research Assistant, Advised by Micah Goldblum

- Generated dataset and training multimodal generation models for interleaved text and visual CoT
- Identified and evaluated vulnerabilities in advanced industrial web agents

*New York, NY
Sep 2024 - July 2025*

Columbia Business School, Decision, Risk, and Operations

Research Assistant, Advised by Tianyi Peng, Jing Dong, and Hongseok Namkoong

- Developed efficient exploration algorithms in reinforcement learning for LLM alignment
- Simulated human opinions and building Digital Twins with LLMs
- Developed a SoTA PPO style algorithm for controlling queuing networks

*New York, NY
Jan 2023 - May 2025*

Columbia's Center for Theoretical Neuroscience at Zuckerman Institute

Research assistant at Professor Larry Abbott's Lab

- Conducted research in neural network memory and biologically plausible learning, with a focus on familiarity detection using a biologically inspired method for encoding familiarity.

*New York, NY
May 2022 - May 2023*

Talks and Presentations

AWS Responsible AI Group

Invited talk

Commercial LLM Agents Are Already Vulnerable to Simple Yet Dangerous Attacks

*Online
2025*

Columbia's IEOR/DRO Reading Group

Presenter

- **Foundation Models Reading Group:** Delivered a presentation on the scaling laws of large language models
- **Deep Generative Models Reading Group:** Delivered a presentation on the auto-regressive models for visual generation

*NY, New York
2023*

Teaching

NYU Center for Data Science

Teaching Assistant

- **CSCI-GA 3033-125 Special Topics: RL with Foundation Models**

*NY, New York
Fall 2025 - Present*

Columbia Computer Science Department

Teaching Assistant

- **COMS 4705 Natural Language Processing (Spring 2023, Fall 2023)**

*NY, New York
Jan 2023 - Dec 2023*

Service

Reviewer

Nature

2025

ICLR

2026

TMLR

2025

NeurIPS

2025

COLM

2025

Skills

Machine Learning Skills Transformers, Fine-tuning, RLHF, DPO, Deep RL, RL with LLM
Deep Learning Engineering Pytorch, FSDP, DeepSpeed, Verl
General Engineering Python, C