Ekansh Mittal

ekanshm@stanford.edu Ekansh-Mittal1 Ekansh-Mittal1 ekanshm.com

EDUCATION

Stanford University 2024 – 2028
Computer Science Stanford, California
Relevant Courses: **CS224R** (Deep Reinforcement Learning), **CS224W** (Graph Neural Networks), **CS137A** (Robot Autonomy), **CS238** (Decision Making Under Uncertainty), **ECON50Q** (Quantitative Economic Analysis)

EXPERIENCE

Biostate.ai 04/2024 – Present
Al Intern Palo Alto, CA
- Developing foundation models for BulkRNA Seq data, built and opensourced MetaMuse, an Agentic metadata curation pipeline, that cut vendor costs by **$1.2 million**, accelerated metadata curation **450x**, making millions of samples accessible for training.

Oregon Health & Science University 09/2021 – Present
Research Intern Portland, OR
- Designed machine learning pipeline to predicted drug response in Breast Cancer Patients with **93%** accuracy, and identify key genes responsible for drug resistance. Invented a novel 3D spheroid culture method to validate results in wet lab.

Beth Israel Deaconess Medical Center & MIT 06/2023 – 08/2023
Research Intern Boston, MA
- Trained LSTM model to predict Blood Glucose in mice to further understanding of physiology of glycemic variation in diabetes.

Stanford University 04/2022 – Present
Research Intern Stanford, CA
- Making a user-friendly application to identify autoantibodies in long-covid patients to provide improved therapeutic options (manuscript in preparation).

HONORS AND AWARDS

Regeneron Science Talent Search (STS) 2024
Top 40 finalists in STEM in the nation, $25,000 scholarship.

Gloria Barron Prize for Young Heros 2024
One of the 15 in the nation to win the prestigious award and $10,000 scholarship.

Research Science Institute (RSI) 2023
Selected among the top 100 STEM students worldwide for 6 week internship.

American Invitational Math Examination (AIME) 2024
Three times AIME qualifier (2021, 2023, 2024)

Eagle Scout 2024
Scouts BSA
Achieved the Rank of Eagle, restored an elementary school's community garden for Eagle project