

Divyansh Pareek

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EDUCATION

UNIVERSITY OF WASHINGTON

Ph.D. in Computer Science and Engineering

Advisors: Prof. Simon S Du and Prof. Sewoong Oh

SEATTLE, USA

Sep 2023-Present

GPA: 3.94/4.0

CARNEGIE MELLON UNIVERSITY

M.S. in Machine Learning

Advisor: Prof. Andrej Risteski

PITTSBURGH, USA

Aug 2019 - Dec 2020

GPA: 4.15/4.0

INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

B.Tech. in Computer Science and Engineering

Minor in Applied Statistics

MUMBAI, INDIA

July 2015 - May 2019

GPA: 9.53/10.0

EMPLOYMENT

CITADEL GQS

Quantitative Research Analyst in the GQS division

Managers: Dr. Nasko Atanasov and Dr. Yuanhao Zhai

CHICAGO, USA

March 2021 - June 2023

INTERNSHIPS

GOOGLE DEEPMIND

Student Researcher

BANGALORE, INDIA

Summer 2025

CITADEL GQS

Quantitative Research Intern

CHICAGO, USA

Summer 2020

GOOGLE BRAIN

Research Software Intern

TORONTO, CANADA

Summer 2018

INRIA

Research Intern

SOPHIA ANTIPOLIS, FRANCE

Summer 2017

PUBLICATIONS

UNDERSTANDING THE GAIN FROM DATA FILTERING IN MULTIMODAL CONTRASTIVE LEARNING

Divyansh Pareek, Sewoong Oh and Simon S Du

Advances in Neural Information Processing Systems, 2025 (to appear)

NeurIPS 2025

UNDERSTANDING THE GAINS FROM REPEATED SELF-DISTILLATION

Divyansh Pareek, Simon S Du and Sewoong Oh

Advances in Neural Information Processing Systems, 2024

Data-Centric Machine Learning Research (DMLR) workshop at ICML, 2024

[\[Paper Link\]](#)

NeurIPS 2024

THE EFFECTS OF INVERTIBILITY ON THE REPRESENTATIONAL COMPLEXITY OF ENCODERS IN VAES

Divyansh Pareek and Andrej Risteski

International Conference on Learning Representations, 2022

[\[Paper Link\]](#)

ICLR 2022

STRONG COLLAPSE FOR PERSISTENCE

Jean-Daniel Boissonnat, Siddharth Pritam and Divyansh Pareek

European Symposium on Algorithms, 2018

[\[Paper Link\]](#)

ESA 2018

ACHIEVEMENTS

- All India Rank 5 in JEE Main out of 1.3M candidates and All India Rank 18 in JEE Advanced out of 150K candidates
- Charpak Research Intern Scholarship by the French Embassy in India
- Institute Academic Prize by IIT Bombay; and the KVPY and NTSE fellowships by the Govt. of India

ENGAGEMENT

- Served as a reviewer for ICLR 2025, ICML 2025 and NeurIPS 2025
- Presented a poster at the IFML Symposium on Modern Paradigms in Generalization at Simons Institute, UC Berkeley
- Participated in the IFML Workshop on Generative AI at UT Austin