ENAYAT ULLAH, Ph.D. Student
Department of Computer Science, Johns Hopkins University
enayat@jhu.edu | (+1) 213 454 8586 | enayatulah.github.io

RESEARCH
INTERESTS

My research interests are in the intersection of Machine learning, statistics and optimization. I am currently focusing on theoretical and practical aspects of distributed learning and optimization. I also have an active interest in kernel methods, streaming/sketching algorithms, differential privacy and deep learning theory.

EDUCATION

Johns Hopkins University (2017 - present)
Ph.D. student, Department of Computer Science
Advisors: Raman Arora, Vladimir Braverman

Indian Institute of Technology, Kanpur (2012 - 2017)
Bachelors and Masters of Science (BS & MS) in Mathematics and Computing, with minors in Computer Science and English Literature
Advisors: Purushottam Kar, Prateek Jain, Debasis Kundu

PUBLICATIONS

Streaming Kernel PCA with $\tilde{O}(\sqrt{n})$ Random Features
Enayat Ullah, Poorya Mianjy, Teodor V Marinov, Raman Arora
Published at **NeurIPS 2018**

Improved Algorithms for Time Decay Streams
Vladimir Braverman, Harry Lang, **Enayat Ullah**, Samson Zhou ($\alpha - \beta$ order)
To appear at **APPROX 2019**.

PREPRINTS

Communication-efficient distributed SGD with Sketching
Nikita Ivkin*, Daniel Rothchild*, **Enayat Ullah***, Vladimir Braverman, Ion Stoica, Raman Arora (*-equal contribution)

SERVICE

Reviewer for ICML 2019 (**top 5%**), NeurIPS 2019
Sub-reviewer for AISTATS 2018, NuerIPS 2018, AISTATS 2019, SODA 2019

TEACHING

Teaching Assistant, **Machine Learning** (Spring'19)
Instructor: Prof. Raman Arora, Johns Hopkins University

Teaching Assistant, **Online Learning and Optimization** (Winter'17)
Instructor: Prof. Purushottam Kar, Indian Institute of Technology, Kanpur

HONOURS AND
AWARDS

Academic Excellence awards at IIT Kanpur for exceptional academic performance in years 2016, 2017.

Proficiency Medal at IIT Kanpur for best undergraduate thesis in the graduating batch.

Top reviewer (top 5%) award at ICML 2019.

Recipient of Inspire Scholarship from 2012-2017 awarded by Department of Science and Technology, Government of India.

REFERENCES

Available on request.