

Anush Kini

PhD Student, Boston University

 abilityguy.github.io @ akini@bu.edu  github.com/abilityguy  Google Scholar

Education

Boston University

Ph.D. in Computing & Data Sciences (ongoing)

Boston, USA

Sep 2025 – Present

PES University

B.Tech in Computer Science and Engineering

Bengaluru, India

2017 – 2021

Experience

University College London

Research Assistant with Ilija Bogunovic

London, UK

Feb 2025 – Jun 2025

Microsoft Research

Research Fellow with Nagarajan Natarajan, Amit Sharma

Bengaluru, India

Jul 2022 – Jul 2024

Google

Data Commons Associate

Bengaluru, India

Aug 2021 – Jun 2022

Indian Institute of Science

Research Intern with Uma Ranjan, Monica Anand

Bengaluru, India

May 2020 – Dec 2020

Publications

C=Conference, J=Journal, P=Preprint, Pat=Patent, (* = Equal Contribution)

[c.2] Provably Robust DPO: Aligning Language Models with Noisy Feedback [🔗]

Sayak Ray Chowdhury*, Anush Kini*, Nagarajan Natarajan

41st International Conference on Machine Learning

[ICML'24]

[c.1] OPPerTune: Post-Deployment Configuration Tuning of Services Made Easy [🔗]

Gagan Somashekhar*, Karan Tandon*, Anush Kini, Chieh-Chun Chang, Petr Husak, Ranjita Bhagwan, Mayukh Das, Anshul Gandhi, Nagarajan Natarajan

21st USENIX Symposium on Networked Systems Design and Implementation

[NSDI'24]

[P.1] GAR-meets-RAG Paradigm for Zero-Shot Information Retrieval [🔗]

Daman Arora*, Anush Kini*, Sayak Ray Chowdhury, Nagarajan Natarajan, Gaurav Sinha, Amit Sharma

[J.1] Sex-disaggregated Analysis of Risk Factors of COVID-19 Mortality Rates in India [🔗]

Anush Kini, Harish PB, Monica Anand, Uma Ranjan

The Open Public Health Journal

[OPH'23]

[Pat] Post deployment configuration tuning of cloud services and applications [🔗]

Nagarajan Natarajan, Ranjita Bhagwan, Anush Kini, Karan Tandon, Mayukh Das, Rodrigo Lopes Cancado Fonseca, Yogesh Bansal, Gagan Somashekhar

Software & Open Source Contributions

SelfTune, Microsoft Research [🔗]

OPPerTune, Microsoft Research [🔗]

Data Commons, Google [🔗]

Mlpack, C++ Machine Learning Library [🔗]

Teaching & Leadership Roles

Topics in Deep Learning, PES University. Teaching Assistant

Advanced Programming Tools, Parallel Systems Lab, Pes University. Instructor

Research Assistant, Centre for Data Science and Machine Learning, PES University