

Harshal Chaudhari

Personal Information

Contact harshal@bu.edu +1-857-294-8568
Website <https://www.harshalc.com>
Github <https://github.com/chdhr-harshal>

Research Interests

Explainable A.I. Systems, Robust Optimization, Reinforcement Learning.

Education

2015–2021 **Ph.D. in Computer Science**, *Boston University*
Research Advisers: Prof. John Byers, Prof. Evimaria Terzi
2013–2015 **M.S. in Computer Science**, *Boston University*
2009–2013 **B.E.(Hons.) in Computer Science**, *Birla Institute of Technology and Science, Pilani*

Work Experience

2023–current **Applied Scientist II**, *Etsy, Boston, USA*
2021–2023 **Applied Scientist I**, *Etsy, Boston, USA*
2018–2021 **Applied Scientist (remote, part-time)**, *Zillow Group, Seattle, USA*.
2018 **Applied Scientist Intern**, *Zillow Group, Seattle, USA*.
2015 **Data-science Intern**, *Globys Inc., Seattle, USA*.
2013 **Research Intern**, *Siemens Corporate Research, Bangalore, India*.
2011 **Software Development Intern**, *KPCL, India*.

Research Publications

Towards Flexibility and Robustness of LSM Trees, VLDB Journal '23
Endure: A Robust Tuning Paradigm for LSM Trees Under Workload Uncertainty, VLDB '22
Learn to Earn: Enabling Coordination Within a Ride-Hailing Fleet, IEEE BigData '20
A General Framework for Fairness in Multistakeholder Recommendations, FATREC, RecSys '20
Markov Chain Monitoring, SIAM SDM '18
Putting Data in the Driver's Seat: Optimizing Earnings for On-Demand Ride-Hailing, WSDM '18
Impacts of free app promotion: A case study on Amazon Appstore, WCBA '17, TSMO '18

Professional Service

PC member WSDM, NeurIPS, KDD, WWW, SDM, etc.
Reviewer ICML, ICDE, ICWSM, etc. (Conferences), ECML-PKDD, TKDE (Journals)

Teaching Experience

Algorithmic Data Mining (Graduate), Combinatoric Structures in Discrete Mathematics, Introduction to Java Programming

Programming Experience

Python, Tensorflow, PyTorch, Apache Spark, Scala, Java, R, C/C++, SQL, etc. on GCP and AWS Cloud.