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	**Senior Applied Scientist II**, *Etsy, Boston, USA*
2021–2023	**Senior 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.