

# Harshal Chaudhari

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## 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.