Bashir Rastegar Panah

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Experiences	 ♦ Fiddler AI, Palo Alto, CA
	♦ Boston University, Boston, MA
	 Max Planck Institute SWS, Saarbrücken, Germany
	♦ Fraunhofer IAIS, Sankt Augustin, Germany
	♦ University of Bonn, Germany
Education	♦ Boston University, Ph.D. Computer ScienceBoston, MA, 2021
	♦ University of Bonn, M.Sc. Computer Science Bonn, Germany, 2013
	♦ University of Isfahan, B.Sc. Software Engineering Isfahan, Iran, 2010
Skills	♦ Over 10 years of research and development experience in adopting data-driven solutions.
	\diamond Developing ML deployment solutions on distributed and containerized architectures.
	Fluent in Python and its various data science, natural language processing, visualization, scientific computing, machine learning, and deep learning libraries.
	\diamond Strong theoretical background in machine learning, signal processing, network science, and optimization.
	\diamond Worked in highly collaborative environments in both academia and industry.
Patent	"System and Method for Data Drift Detection to Improve Data Integrity for Data within a Database" (filed on Sept 2022)

Publications Responsible AI

- ⋄ "Auditing Black-box Prediction Models for Data Minimization Compliance" Bashir Rastegarpanah, Krishna P. Gummadi, Mark Crovella. NeurIPS 2021 ♥
- ⋄ "Fair Inputs and Fair Outputs: The Incompatibility of Fairness in Privacy and Accuracy" Bashir Rastegarpanah, Mark Crovella, Krishna P. Gummadi. FairUMAP 2020
- ⋄ "Fighting Fire with Fire: Using Antidote Data to Improve Polarization and Fairness of Recommender Systems" Bashir Rastegarpanah, Krishna P. Gummadi, Mark Crovella.
 WSDM 2019 ☼ ♠
- ♦ "Exploring Explanations for Matrix Factorization Recommender Systems" Bashir Rastegarpanah, Mark Crovella, Krishna P. Gummadi. **FATREC 2017** 🖟 🗘

Network Science

- ♦ "Collective Attention to Social Media Evolves According to Diffusion Models" Christian Bauckhage, Kristian Kersting, Bashir Rastegarpanah. **WWW 2014**
- ♦ "The Weibull as a Model of Shortest Path Distributions in Random Networks" Christian Bauckhage, Kristian Kersting, Bashir Rastegarpanah. *MLG 2013*