Swair Shah
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Education

University of Texas at Dallas, Richardson TX — Dec 2018 (Expected)
PhD (Computer Science)

University of Texas at Dallas, Richardson TX — May 2016
Master of Science (Computer Science)

DA-IICT, Gujarat, India — May 2012
Bachelor of Technology (Information and Communication Technology)

Publications

- A Privacy Mechanism for Predictors, AAAI 2017. K. Xu, **S. Shah**, T. Cao, C. Maung, H. Schweitzer
- Cleaning the Null Space: A Privacy Mechanism for Predictors, AAAI 2017. K. Xu, T. Cao, **S. Shah**, C. Maung, H. Schweitzer
- Computing Robust Principal Components by A* Search, ICTAI 2017. **S. Shah**, B. He, K. Xu, C. Maung, H. Schweitzer
- Solving Generalized Column Subset Selection with Heuristic Search. AAAI 2018. **S. Shah**, K. Xu, B. He, C. Maung, H. Schweitzer

Work Experience

University of Texas at Dallas, Richardson, TX — Aug 2016 - Present
Graduate Teaching Assistant

- Computer Vision - Spring 2017, Spring 2018
- Design and Analysis of Algorithms - Fall 2017
- Data Representation - Fall 2017
- Machine Learning (includes Deep Learning) - Summer 2017, Fall 2016

CS Outreach Program - University of Texas at Dallas, Richardson, TX — Summer 2014
Lecturer (Python and Ruby)

- Taught Python and Ruby workshops as a part of Pathway to Internship workshop series.

Media.net, Mumbai, India — July 2012 - Dec 2013
Developer, Operations

- Developed server monitoring software for network and systems operations teams. Designed and implemented configuration management code-base written in Puppet, for AWS and collocated server infrastructure.

KDE, Linux Desktop Environment — Summer 2011
Google Summer of Code Student Developer

Professional and Technical Skills

- **Fluency:** Python **Proficiency**: Java, Matlab, Ruby **Familliarity:** R, C++
- ML Frameworks/Libraries: Numpy, Scikits-learn, Tensorflow, Pytorch, Pandas

Relevant Online Coursework

Deep Learning Specialization - Coursera (Ongoing)

Machine Learning - Coursera

Computing for Data Analysis - Coursera