PhD Openings in Data Mining & Machine Learning & AI for Fall 2018 & Spring 2019

Position Information: multiple Ph.D. positions are open for Fall 2018 and Spring 2019 at the Center on Stochastic Modeling, Optimization, & Statistics (COSMOS) at University of Texas at Arlington. Graduate students with strong quantitative background and programming skills are encouraged to apply. The research directions include Data Science, Machine Learning, Artificial Intelligence & Deep Learning with applications to Healthcare, Neuroscience, Robotics, Biomedical Informatics, Smart Manufacturing, and Business/Finance. If you are interested, please send your CV to Dr. Shouyi Wang at shouyiw@uta.edu. We will evaluate your CV and give feedback quickly. Accepted Ph.D. students will work with Dr. Wang and will be provided with full financial support for the entire PhD study (4 years).

Visiting Students/Scholars Positions are also available in Data Science/Machine Learning/AI.

Lab Information: The COSMOS Center is conducting world-leading research in Advanced Data Analytics, Machine Learning Research, Complex System Optimization & Modeling, Healthcare and Biomedical Informatics, and AI-driven Technologies. The lab has very strong connections to AI industry. The renowned research collaborators include Apple, Foxconn International, IBM, Facebook/Oculus, Samsung/Harman AI Group, and NVIDIA.

The COSMOS Center PhD graduates are highly popular and highly paid in the US and World job market. Recent Ph.D. graduates of COSMOS Center obtained jobs at American Airlines, United Airlines, Google, UPS, CSX, AT&T, Alibaba/Seattle, Bank of America, BNSF, General Motors, etc. Our Ph.D. graduates also have immense opportunities to pursue academic careers. Some recent Ph.D. students obtained faculty/teaching or postdoc positions at top schools, including Washington University in St. Louis (Business School), Washington University (Seattle), University of Southern California, and Harvard University (School of Medicine).

The Current Research Projects & Topics include:
* Sparse Learning and Interpretable Models for Biomedical Data Mining & Knowledge Discovery
* Machine Learning Research for Big Data Analytics
* Deep Learning Techniques and Applications
* Deep Reinforcement Learning and Interactive Intelligent Robotics Systems
* Brain Informatics and Computational Neuroscience Research
* Brain Computer Interfaces and Brain-Inspired AI Technologies
* Intelligent Decision-Making Models for Complex Systems Modeling
* Precision Medicine and Personalized Healthcare Systems

School Information: With more than 50,000 enrolled students, UTA is one of the largest public universities in the nation. According to 2018 U.S. News and World Report, UTA Engineering School is ranked #73 among 200 national universities. The Industrial, Manufacturing, & Systems Engineering (IMSE) Department is ranked #44 for Graduate Programs. With great resources and Texas State support, the IMSE department is one of the fastest growing programs in the US. Currently, the IMSE Department at UTA has more than 50 PhD students and more than 400 MS students.

DFW/Arlington Area: Located at the US 4th largest metropolitan areas (Dallas/ Fort Worth Area), the COSMOS Center at UT Arlington is very strong in both world-leading research activities and strong industry support and collaborations. The Chronicle of Higher Education ranked The University of Texas at Arlington 7th fastest-growing public research universities. The DFW Airport is a world hub in the US and has direct flights to Beijing, Shanghai, Hong Kong, and most major cities worldwide.