Jin Shang
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EDUCATION

- **Louisiana State University** — Baton Rouge, LA
  Ph.D. in Computer Science, GPA 3.7/4.0 — *Aug. 2016 – Present, Advisor: Dr. Mingxuan Sun*

- **University of Science and Technology of China** — Hefei, China
  M.S. in Solid Mechanics — *Sept. 2013 – Jun. 2016*

- **University of Science and Technology of China** — Hefei, China
  B.S. in Theoretical and Applied Mechanics — *Sept. 2009 – Jun. 2013*

RESEARCH EXPERIENCE

- **Louisiana State University** — Baton Rouge, LA
  Research Assistant — *Aug. 2016 - Present*
  - **Local Low Rank Hawkes Process**: We present a Local Low Rank Hawkes Process framework which integrating the kernel smoothing and Hawkes process to model the user-item interactions along time. Also design an efficient convex optimization algorithm to learning the parameters.
  - **Demographic Inference via Transfer Learning**: We introduce a Transfer Matrix Factorization method to infer user demographics using ratings in target domain, through knowledge transfer from source domain, where user's rating and demographics are available. Also develop a iterative algorithm for optimization and theoretically show its convergence.

- **University of Science and Technology of China** — Hefei, China
  Research Assistant — *Sept. 2013 - Jun. 2016*
  - **Image Processing**: We improve the Temporal Phase Extraction Algorithm by investigating the window size of the Windowed Fourier Transform. Also build the optical measurement platform for measuring small deformation using laser.

- **National Center for Nanoscience and Technology** — Beijing, China
  Research Assistant — *Jul. 2012 – Aug. 2013*
  - **Material Mechanics**: We investigate the morphology effect to the mechanical properties of the graphene oxide fillers in nanocomposites. Also utilize mathematical models to simulate experiment data

- **RoboGame at University of Science and Technology of China** — Hefei, China
  Team Leader — *May. 2011 – Oct. 2011*
  - **RoboGame Competition**: We develop a housekeeping robot which can make coffee and send it to people along the black line.

PUBLICATIONS

- [3]: **Jin Shang** and Mingxuan Sun, **Local low-rank Hawkes processes for temporal user-item interactions**, in Proc. of the IEEE International Conference on Data Mining (ICDM), Singapore, Nov. 2018.

- [2]: **Jin Shang**, Mingxuan Sun and Kevyn Collins-Thompson, **Demographic inference via knowledge transfer in cross-domain recommender systems**, in Proc. of the IEEE International Conference on Data Mining (ICDM), Singapore, Nov. 2018.

- [1]: **Jin Shang**, Yuli Chen et al., **Effect of folded and crumpled morphologies of graphene oxide platelets on the mechanical performances of polymer nanocomposites**, in Polymer 68 (2015): 131-139.

TEACHING ASSISTANT

- **CSC 1253**: Computer Science I with C++, Fall 2016
- **CSC 1254**: Computer Science II with C++, Spring 2017

PROGRAMMING SKILLS

- **Languages**: Python, Matlab, C++, Java   **Deep Learning Framework**: Tensorflow, Caffe