

# Shuai Li (李帅)

**Gender:** Female

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## Education

Aug 2015-now	The Chinese University of Hong Kong PhD program in Computer Science & Engineering
Aug 2011-Jul 2015	University of Chinese Academy of Sciences (Master Degree in Math)
Aug 2007-Jul 2011	Zhejiang University (Bachelor's Degree in Math) Chu Kochen Honors College (GPA: 3.92/4.00 & Ranking: 5%)

## Drafts

- **Shuai Li**, Shengyu Zhang, *Online Clustering of Contextual Cascading Bandits*, submitted to AAAI.
- Shuai Li, **Shuai Li**, Shengyu Zhang, *Boosted clustering bandits*, in submission.
- Weiwen Liu, Shuai Li, Shengyu Zhang, *Exploration in Web Page Recommendation: A Contextual DCM Bandit Approach*, submitted to AAAI.
- Xiaojin Zhang, Shuai Li, Shengyu Zhang, *Contextual Combinatorial Conservative Bandits*, submitted to AAAI.
- Pengfei Liu, **Shuai Li**, Kwong-Sak Leung, *The Recovery of Stochastic Differential Equations with Genetic Programming and Kullback-Leibler Divergence*, in submission.
- Baoxiang Wang, **Shuai Li**, Shengyu Zhang, *Dynamic selection of trading strategies: an online learning approach*, in submission.

## Publications

- **Shuai Li**, Baoxiang Wang, Shengyu Zhang, Wei Chen, *Contextual combinatorial cascading bandits*, the 33rd International Conference on Machine Learning (ICML), 2016.
- Pengfei Liu, **Shuai Li**, Weiyang Yi, Kwong-Sak Leung, *A Hybrid Distributed Framework for SNP Selections*, the 22nd International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), 2016.
- **Shuai Li**, Xiaoqian Xu, Guojin Wang, *Design for triangular rational Bézier harmonic and biharmonic surfaces*, Journal of Zhejiang University (Science Edition), 2012(2):152-158.

## Internships & Research Experiences

- 2017.6.5-11.10 Data Science Research Intern at Adobe, San Jose, CA, US.

- 2017.1.16-5.6 Visiting student in the program of Foundation of Machine Learning, Simons institute, University of California Berkeley, CA, US
- 2016.10-now Research collaborations with Prof. Bogdan Cautis of Noah's Ark Lab of Huawei, Prof. Shengyu Zhang and Weiwen Liu of CUHK, on contextual bandits
- 2016.6.27-2016.8.21 Research assistant with Prof. Csaba Szepesvari of University of Alberta, Canada
- 2015.4-6 Visit Dr. Wei Chen of Microsoft Research Asia, Beijing on the multi-armed bandit problem
- 2014.11-2015.4 Research Assistant with Prof. Shengyu Zhang in the Chinese University of Hong Kong on the multi-armed bandit problem
- 2013.8-2014.5 Teaching Assistant with Prof. Liming Ge in the University of New Hampshire, US

### **Conferences, workshops & forums attended**

- NIPS 2016
- ICML 2016(oral & poster)
- WIML 2016(posters)
- The International Doctoral Forum (oral), Hong Kong, 2016.10.28-30.
- The Algorithms and Uncertainty Boot Camp of Simons Institute, University of California, Berkeley, US, 2016.8.22-26.

### **Awards**

- 2016            Student travel award in ICML 2016, NIPS 2016, WIML 2016.
- 2012            Outstanding Student, University of Chinese Academy of Sciences.
- 2007-2011    undergraduate
- First-class Scholarship for Outstanding Students (twice), Zhejiang University (3%)
  - First-Class Prize in the competition of Calculus, among undergraduate students in Zhejiang Province
  - Certificate of Excellence Chu Kochen Honors Program, Zhejiang University (30/5500)

### **Courses taken (CS & Mathematics)**

- Discrete mathematics, Scientific Computing, Mathematical programming
- C, C++, Java, Programming on web, Linux
- Data Structures, Design and analysis of algorithms
- Machine learning, Big data analytics, Pattern recognition
- Database systems, The hardware/software interface
- Mathematical analysis, Real analysis, Fourier analysis, Complex analysis, Functional analysis, Harmonic analysis
- Ordinary differential equation, Partial differential equation
- Abstract algebra, Field and Galois theory, Category theory, Representation

theory

- Basic geometry, Manifolds, Differential geometry, Computational geometry, Algebraic geometry, Symplectic geometry
- Topology, Algebraic topology
- Algebraic number theory, Analytical number theory

### **Certificates**

- CFA level II (2017.6)
- TOEFL (2014.11.15) 92 (Reading 23, listening 25, speaking 22, writing 22)