Shuai Li (李帅)

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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%)

Publications & Drafts

- **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**, Weiying 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.
- Pengfei Liu, **Shuai Li**, Kwong-Sak Leung, Shengyu Zhang, *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.
- Boosted clustering bandits, in writing.
- Clustering cascading bandits, in writing.

Internships & Research Experiences

- 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
- 2014.11-2015.4 Research Assistant with Prof. Shengyu Zhang in the Chinese University of Hong Kong, HK
- 2013.8-2014.5 Teaching Assistant with Prof. Liming Ge in the University of New Hampshire, US
- 2010.7-2011.6, The bound property of a class of singular operators on compact

Lie groups, Undergraduate Research Program of Zhejiang Province.

- 2009.12-2010.12, Design for triangular rational Bézier harmonic and biharmonic surfaces, Undergraduate Research Program of Zhejiang Province (Responsible).
- 2009.12-2010.12, Properties of Solutions for Wave Equations in Minkowski Spaces, Undergraduate Research Program of Zhejiang Province.
- 2009.05-2010.04, Number theory and its application, 12th student research training program of Zhejiang University.

Conferences, workshops & forums attended

- NIPS 2016
- ICML 2016(oral & poster)
- WIML 2016(poster)
- 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.
- The Worldwide Conference on Operator Algebra, Beijing, 2010.7.23-27
- The summer school held by National Key CAD&CG Lab, Zhejiang University, 2009.7-2009.8.

Awards

2016   Student travel award, 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
- Second-Class Prize in the competition of Technology and Social Practice for energy conservation and emission reduction among National undergraduate students
- Scholarship for Excellence in Research and Innovation
- Outstanding Student Leader Awards, Zhejiang University
- Outstanding Graduates of Zhejiang University
- Certificate of Excellence Chu Kochen Honors Program, Zhejiang University (30/5500)
- Third-class prize in the programming contest, Zhejiang university

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, Simpletic geometry
- Topology, Algebraic topology
- Algebraic number theory, Analytical number theory

Other experiences

- Vice-captain of undergraduate survey team, Zhejiang university
- Volunteering in the welfare center of Hangzhou
- Member of students' union, Zhejiang university
- No.7 in the 4*400 Relay race, Zhejiang university
- Volunteer in the Hong Kong alumni association of Zhejiang university

Certificates

- CFA level I (2016.6)
- TOEFL(2014.11.15)   92   (Reading 23, listening 25, speaking 22, writing 22)
- CET oral, B+, 2009.11
- CET 6 497, 2008.6
- CET 4, 555, 2007.12