JINGCHANG LIU

PERSONAL INFORMATION

Born in Anhui, 26 February 1995

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EDUCATION

Sep. 2019 − ?, PhD in CSE,

Department of Computer Science and Engineering, Hong Kong University of Science and Technology.
Supervisor: Prof. James T. Kwok.

Sep. 2016 − *Jul.* 2019, Master of Engineering,

School of Computer Science and Technology, University of Science and Technology of China.
Supervisor: Prof. Linli Xu.

Sep. 2012 − *Jul.* 2016, Bachelor of Science, Majored in Statistics,

School of Mathematics and Statistics, Xidian University.

RESEARCH INTERESTS

Optimization for Machine Learning, Compression and Acceleration of Deep Neural Networks, Time Series.

PUBLICATIONS

- **Jingchang Liu**, Linli Xu, Shuheng Shen, Qing Ling.
  An Accelerated Variance Reducing Stochastic Method with Douglas-Rachford Splitting.
  Machine Learning journal.

- **Jingchang Liu**, Linli Xu, Junliang Guo, Xin Sheng.
  Adaptive Proximal Average based Variance Reducing Stochastic Methods for Optimization with Composite Regularization.
  AAAI 2019.

- Shuheng Shen, Linli Xu, **Jingchang Liu**, Xianfeng Liang, Yifei Chen.
  Faster Distributed Deep Net Training: Computation and Communication Decoupled Stochastic Gradient Descent.
  IJCAI 2019.

- Junliang Guo, Linli Xu, **Jingchang Liu**.
  SPINE: Structural Identity Preserved Inductive Network Embedding.
  IJCAI 2019.

- **Jingchang Liu**, Linli Xu.
  Accelerating Stochastic Gradient Descent Using Antithetic Sampling.
  arXiv: 1810.03124.

- Shuheng Shen, Linli Xu, **Jingchang Liu**, Junliang Guo, Qing Ling.
  Asynchronous Stochastic Composition Optimization with Variance Reduction.
  arXiv: 1811.06396.

COMPUTER SKILLS

Python, MATLAB, C/C++, R, SAS, SPSS, LaTeX. . .

AWARDS

Dec. 2018 · AAAI 2019 Travel Award.

Nov. 2018 · Hua Wei Scholarship.

Nov. 2015 · Second Place in SAS Data Mining Champion in Xi'an.

Apr. 2015 · Second Prize in Mathematical Contest in Modeling.

Jun. 2014 · Second Prize in China Undergraduate Mathematical Contest in Modeling.