

Yang Li

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Ph.D. Student

Bio. I am a fourth-year Ph.D. student in the Key Laboratory of High Confidence Software Technologies (MOE), School of EECS, Peking University, advised by [Prof. Bin Cui](#).

Research interests. My research interest covers machine learning, deep learning, reinforcement learning, and transfer learning algorithms. Currently, my research work focuses on **automatic machine learning algorithms, systems, and their applications**.

Education

- Sep 2017 – Jun 2022 (expected) **Ph.D. Candidate** in Computer Software and Theory, *Peking University* (PKU), Beijing
Institute of Network Computing and Information Systems (NCIS)
Advisor : [Prof. Bin Cui](#)
- Sep 2013 – Jun 2017 **Bachelor of Engineering**, *Sun Yat-Sen University* (SYSU), Guangzhou
Majored in Software Engineering
GPA : 4.0+/5.0 | Rank : 3/117

Publications

- > **Yang Li**, Jiawei Jiang, Jinyang Gao, Yingxia Shao, Ce Zhang, Bin Cui, “Efficient Automatic CASH via Rising Bandits”. AAAI 2020 (*Spotlight Presentation*).
- > **Yang Li**, Shen Yu, Jiawei Jiang, Jinyang Gao, Ce Zhang, Bin Cui. “MFES-HB : Efficient Hyperband with Multi-Fidelity Quality Measurements”. AAAI 2021.
- > **Yang Li**, Yu Shen, Wentao Zhang, Yuanwei Chen, Huai Jun Jiang, Ming Chao Liu, Jiawei Jiang, Jinyang Gao, Wentao Wu, Zhi Yang, Ce Zhang, Bin Cui, “OpenBox : A Generalized Black-box Optimization Service”. SIGKDD 2021.
- > **Yang Li**, Yu Shen, Wentao Zhang, Jiawei Jiang, Yaliang Li, Bolin Ding, Jingren Zhou, Zhi Yang, Wentao Wu, Ce Zhang, Bin Cui, “VolcanoML : Speeding up End-to-End AutoML via Scalable Search Space Decomposition”. VLDB 2021.
- > Wentao Zhang, Yu Shen, **Yang Li**, Lei Chen, Zhi Yang, Bin Cui. “ALG : Fast and Accurate Active Learning Framework for Graph Convolutional Networks”. SIGMOD 2021.
- > Wentao Zhang, Jiang Yuezhan, **Yang Li**, Zeang Sheng, Yu Shen, Xupeng Miao, Liang Wang, Zhi Yang, Bin Cui. “ROD : Reception-aware Online Distillation for Sparse Graphs”. SIGKDD 2021.
- > Leonel Aguilar, David Dao, Shao duo Gan, Nezihe Merve Gurel, Nora Hollenstein, Jiawei Jiang, Bojan Karlas, Thomas Lemmin, Tian Li, **Yang Li**, Susie Rao, Johannes Rausch, Cedric Renggli, Luka Rimanic, Maurice Weber, Shuai Zhang, Zhikuan Zhao, Kevin Schawinski, Wentao Wu, Ce Zhang. “Ease.ML : A Lifecycle Management System for Machine Learning”. CIDR 2021.

Work Experience

- Sep 2020 – Now **AI Platform Research Intern, Kuaishou Technology, Beijing**
Build automatic system for industrial ML applications on large-scale dataset.
Automatic machine learning applications NAS
- Sep 2019 – Feb 2020 **Research Intern, ETH Zürich, Switzerland**
Do research at [DS3LAB](#), advised by [Prof. Ce Zhang](#)
Automatic machine learning system Automatic feature engineering
- Dec 2016 – Aug 2017 **Backend Development Engineer, Tencent, Shenzhen**
Intern Student in TEG Data Center, [Developing “Tencent Big Data Suite”](#).
Repo : [Wherehows-eXtension](#) (Data Discovery and Lineage for Big Data Ecosystem)
Hadoop Spark Hive Hbase WhereHows
- June 2016 – Sep 2016 **Backend Development Engineer, Alibaba Group, Hangzhou**
Intern Student in Taobao, Content Platform (Middleware Development)
Spring MVC GraphQL software development Database

Honors & Awards

- Fall 2016** First Prize of Outstanding Student (Sun Yat-Sen University).
- Fall 2015** National Scholarship (The Ministry of Education of the People's Republic of China).
- Fall 2015** First Prize of Outstanding Student (Sun Yat-Sen University).
- Fall 2014** First Prize of Outstanding Student (Sun Yat-Sen University).