

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 (CCF-A, *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 (CCF-A).
- **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 (CCF-A).
- **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 (CCF-A).
- 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 (CCF-A).
- 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 (CCF-A).
- Wentao Zhang, Zhi Yang, YeXin Wang, Yu Shen, **Yang Li**, Liang Wang, Bin Cui. “Grain : Improving Data Efficiency of Graph Neural Networks via Diversified Influence Maximization”. VLDB 2021 (CCF-A).
- 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 (CCF-B).

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