

Dixing XU
Visiting Student Researcher
Zhejiang University

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EDUCATION

2020 **University of Liverpool** Suzhou, China
Bachelor of Science in Information and Computing Sciences
2020 **Xi'an Jiaotong-Liverpool University** Liverpool, UK
Bachelor of Science in Information and Computing Sciences

WORK EXPERIENCE

Academia

Zhejiang University Hangzhou, Zhejiang, China
Visiting Student Researcher 2019.09-2020.03
– Under supervision of Prof. Peng Cheng.
– Research on machine learning, security.

Nanyang Technological University Singapore
Research Assistant 2019.03-2019.08
– Under supervision of Prof. Rui Tan.
– Research on collaborative learning, Internet of Things (IoT), Privacy.

Xi'an Jiaotong-Liverpool University Suzhou, China
Research Assistant 2016.11-2018.08
– Worked with Dr. Jinjun Liang on Portfolio Management.

Summer Undergraduate Research Fellow 2017.06-2017.08
– Worked with Prof. Steven Guan on Style Transfer Learning with Generative Adversarial Networks.

National University of Singapore Singapore
Summer Internship 2016.06-2016.08
– Worked with Prof. Hon Wei Leong on course Computational Thinking and Community Detection in Large Graphs.

Industry

Hyperledger (Linux Foundation) Remote
Software Maintainer 2018.09-Present
– Maintainer of Hyperledger Fabric Python SDK. [\[Project\]](#)

Blockchain Engineer Intern 2018.06-2018.11
– Part-time intern for Hyperledger Fabric Python SDK. [\[Project\]](#)

Research Institute of Beihang University Suzhou, China
Software Developer Intern 2018.11-2019.06
– Develop an application based on Hyperledger Fabric.
– Develop a course about blockchain for undergraduates.

HONORS & AWARDS

2018.09 **CNCF Diversity Scholarship**

2018.09 **Special Prize (US\$10,000) by QTUM, Wangxiang Blockchain Hackathon** [\[Source Code\]](#)

– Awarded to only 1 of more than 20 groups all over the world.

– Implemented atomic swaps between BTC/ERC20/any contract call and QTUM.

2018.07 **1st Prize, 2018 EOS Hackathon Hangzhou (Team)** [\[Source Code\]](#)

2018.07 **3rd Prize, 2018 EOS Hackathon Hangzhou (Personal)**

2018.07 **3rd Prize, DoraHacks x BCH Faith Hack**

2018.06 **2nd Prize, 2018 XJTU & PNP AI Innovation Hackathon**

2018.04 **2017 IBM Student Innovation Lab Program Award**

2017.11 **1st Prize, Hack x FDU 2017 Hackathon** [\[Source Code\]](#)

– Awarded to the top 1 of more than 70 groups from colleges nationwide.

– Built a decentralized P2P leasing system using blockchain.

PUBLICATIONS

2019 Mengyao Zheng, **Dixing Xu**, Linshan Jiang, Chaojie Gu, Rui Tan, and Peng Cheng. Challenges of privacy-preserving machine learning in iot. In *Proceedings of the First International Workshop on Challenges in Artificial Intelligence and Machine Learning for Internet of Things*, pages 1–7. ACM, 2019

MANUSCRIPTS

2017 Zhengyao Jiang, **Dixing Xu**, and Jinjun Liang. A deep reinforcement learning framework for the financial portfolio management problem. *arXiv preprint arXiv:1706.10059*, 2017