

Dixing XU
Visiting Student Researcher
Zhejiang University

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EDUCATION

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

WORK EXPERIENCE

Academia

Zhejiang University	Hangzhou, Zhejiang, China
<i>Visiting Student Researcher</i>	2019.09-2020.03
<ul style="list-style-type: none">– Under supervision of Prof. Peng Cheng– Research on machine learning, security	
Nanyang Technological University	Singapore
<i>Research Assistant</i>	2019.03-2019.08
<ul style="list-style-type: none">– Under supervision of Prof. Rui Tan– Research on collaborative learning, Internet of Things (IoT), Privacy	
Xi'an Jiaotong-Liverpool University	Suzhou, China
<i>Research Assistant</i>	2016.11-2018.08
<ul style="list-style-type: none">– Worked with Dr. Jinjun Liang on Portfolio Management	
<i>Summer Undergraduate Research Fellow</i>	2017.06-2017.08
<ul style="list-style-type: none">– Worked with Prof. Steven Guan on Style Transfer Learning	
National University of Singapore	Singapore
<i>Summer Internship</i>	2016.06-2016.08
<ul style="list-style-type: none">– Worked with Prof. Hon Wei Leong on course Computational Thinking and Community Detection in Large Graphs	

Industry

Hyperledger (Linux Foundation)	Remote
<i>Maintainer of fabric-sdk-py</i>	2018.09-Present
<ul style="list-style-type: none">– Maintainer of Hyperledger Fabric Python SDK. [Project]	
<i>Blockchain Engineer Intern</i>	2018.06-2018.11
<ul style="list-style-type: none">– Part-time intern for Hyperledger Fabric Python SDK.	

- Details at [\[Project website\]](#).

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 Sep **CNCF Diversity Scholarship**

Sep **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.

Jul **1st Prize, EOS Hackathon Hangzhou (Team)** [\[Projects\]](#)

Jul **3rd Prize, EOS Hackathon Hangzhou (Personal)**

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

Jun **2nd Prize, XJTLU & PNP AI Innovation Hackathon**

Apr **IBM Student Innovation Lab Program Award**

2017 Nov **1st Prize, Hack x FDU 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