

# Dixing XU

Visiting Student Researcher  
Zhejiang University

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## EDUCATION

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

## WORK EXPERIENCE

### Academia

<b>Zhejiang University</b>	Hangzhou, Zhejiang, China
Visiting Student Researcher	2019.09-2020.03
– Worked with Prof. Peng Cheng on machine learning and security.	
<b>Nanyang Technological University</b>	Singapore
Research Assistant	2019.03-2019.08
– Worked with Prof. Rui Tan on collaborative learning, Internet of Things (IoT) and Privacy.	
<b>Xi'an Jiaotong-Liverpool University</b>	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.	
<b>National University of Singapore</b>	Singapore
Summer Internship	2016.06-2016.08
– Worked with Prof. Hon Wei Leong on course Computational Thinking and Community Detection in Large Graphs.	

### Industry

<b>Hyperledger (Linux Foundation)</b>	Remote
Software Maintainer	2018.09-Present
– Maintainer of Hyperledger Fabric Python SDK. <a href="#">[Project]</a>	
Blockchain Engineer Intern	2018.06-2018.11
– Part-time intern for Hyperledger Fabric Python SDK. <a href="#">[Project]</a>	
– Worked with Dr. Baohua Yang	
<b>Research Institute of Beihang University</b>	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 XJTLU & 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
- 2019 **Dixing Xu**, Mengyao Zheng, Linshan Jiang, Chaojie Gu, Rui Tan, and Peng Cheng. Lightweight and unobtrusive privacy preservation for remote inference via edge data obfuscation. *arXiv preprint arXiv:1912.09859*, 2019