

# 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

Maintainer of fabric-sdk-py

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)** [\[Projects\]](#)
- 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