

EDUCATION	Hong Kong Baptist University Ph.D. Student in Computer Science Advisor: Prof. Jianliang Xu Hong Kong Sep 2018 – Present
	Huazhong University of Science and Technology Bachelor of Engineering in Electronics and Information Engineering Wuhan, China Sep 2014 – Jun 2018
RESEARCH INTERESTS	I am interested in Databases, Blockchain technologies and verifiable computation. My current focuses include: <ul style="list-style-type: none"> • Leverage zk-tools (SNARKs/STARKs) to realize succinct Blockchain system. • Blockchain applications on Database systems. • Verifiable query processing for outsourcing cloud computing.
PROFESSIONAL EXPERIENCE	Hong Kong Baptist University Ph.D. Student Hong Kong Sep 2018 – Present <ul style="list-style-type: none"> • Leverage SNARKs/STARKs to achieve succinct blockchain system and verifiable smart contract. • Completed demo systems for verifiable query processing.
	Huazhong University of Science and Technology Final Year Project Wuhan, China Dec 2017 – Jun 2018 <ul style="list-style-type: none"> • Advisor: Dr. Xiaojun Hei • Designed and Implemented a demonstration system which provides verifiable attribute-based search over shared data.
	Huazhong University of Science and Technology Training Program of Innovation and Entrepreneurship Wuhan, China Sep 2015 – Jun 2016 <ul style="list-style-type: none"> • Advisor: Dr. Jiaqing Hua • Constructed lattice network coding transmission schemes of heterogeneous channels of lattice-based physical-layer network.
PUBLICATIONS	1. Y. Ji, C. Xu, J. Xu, and H. Hu , “vABS: Towards verifiable attribute-based search over shared cloud data,” in <i>Proceedings of the 35th IEEE International Conference on Data Engineering (ICDE '19)</i> , Macau SAR, China, Apr. 2019, Demo Paper.
SKILLS	Programming C++, Matlab, Python, Javascript, HTML, CSS Tools macOS, Linux Languages English, Mandarin
TEACHING	• COMP7320 Professional Methodologies for Information Systems Teaching Assistant 2019
LIFE INTERESTS	• I’m a dizi (Chinese Bamboo Flute) amateur and once obtained the certificate of dizi lv.10 granted by Nanjing University of the Arts. • I enjoy reading. My favorite writer is Albert Camus and Mu Xin. Thus, I’m also deeply affected by existentialism.
VOLUNTEER WORK	• Member of the Alumni Association of HUST Mar 2015 – Mar 2018 • Member of the Social Practice Center of HUST Mar 2015 – Jun 2016 • Volunteer on Robomaster National Robot Competition Jun 2016