RRS 726, Department of Computer Science Hong Kong Baptist University, Hong Kong **J** (+852)5374-1917, (+86)13912163480 · **∑** yangji@comp.hkbu.edu.hk

**EDUCATION** Hong Kong Baptist University

Ph.D. Student in Computer Science

Sep 2018 - Present

Advisor: Prof. Jianliang Xu

**Huazhong University of Science and Technology** Wuhan, China

Sep 2014 – Jun 2018 Bachelor of Engineering in Electronics and Information Engineering

RESEARCH INTERESTS I am interested in Databases, Blockchain technologies and verifiable computation. My current focuses include:

• Leverage SNARKs to achieve 'stateless' 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

Hong Kong

Implemented demo systems for verifiable query processing under cloud computing.

• Learning blockchain systems and verifiable computing techniques.

## **Huazhong University of Science and Technology** Training Program of Innovation and Entrepreneurship

Wuhan, China Sep 2014 – Jun 2015

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• Advisor: Dr. Jiaqing Hua

• Constructed lattice network coding transmission schemes of heterogeneous channels of latticebased 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 Proceedings of the 35th IEEE International Conference on Data Engineering (ICDE '19), 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