

[CHENGJUN CAI] | [Curriculum Vitae]

[G2322, AC1, CityU, Tat Chee Avenue, Kowloon, HK] | [chencai-c@my.cityu.edu.hk]

Current Position held in Organization

Ph.D. student in the Department of Computer Science, City University of Hong Kong

Academic/Professional Qualifications

June 2016, B.S., in Computer Science and Technology, Jinan University, Guangzhou, China

Working Experience

[Research Assistant] – [City University of Hong Kong]

[Sept. 2016] – [Sept. 2017]

Publications

1. **Chengjun Cai**, Xingliang Yuan, Cong Wang, “Towards Trustworthy and Private Keyword Search in Encrypted Decentralized Storage”, *in IEEE International Conference on Communications 2017 (ICC 17’)*, Paris, France, 2017.
2. **Chengjun Cai**, Xingliang Yuan, and Cong Wang, “Hardening Distributed and Encrypted Keyword Search via Blockchain”, *in the 1st IEEE Symposium on Privacy-Aware Computing (PAC’17)*, Washington, USA, 2017.
3. Shengshan Hu, **Chengjun Cai**, Qian Wang, Cong Wang, Luo Xiangyang, and Kui Ren, “Searching an Encrypted Cloud Meets Blockchain: A Decentralized, Reliable and Fair Realization”, *in the 37th International Conference on Computer Communications (INFOCOM’18)*, Honolulu, HI, USA, 2018.
4. **Chengjun Cai**, Yifeng Zheng, and Cong Wang, “Leveraging Crowdsensed Data Streams to Discover and Sell Knowledge: A Secure and Efficient Realization”, *in the 38th International Conference on Distributed Computing Systems (ICDCS’ 18)*, Vienna, Austria, 2018.

Research interests

Distributed network applications, cryptocurrency, and trustworthy outsourced computations.

On-going research projects

1. Enabling Trustworthy and Privacy-preserving Search Services in Encrypted Blockchain Applications (ITS/168/17)
2. Achieving Similarity Join Services for Outsourced Large Encrypted Datasets (ITS/307/15)