Feng Li

Personal Resume

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Education

Bachelor of Information Security, *Hangzhou Dianzi University*, School of Communication Engineering. — **2014/09–2016/06**

Bachelor of Information Security, *Hangzhou Dianzi University*, School of Cyber Space Security. — **2016/09–2018/06**

Postgraduate Student of Cyberspace Security, *Xidian University*, School of Cyber Engineering, Supervisor: Jianfeng Ma. — **2018/09–2021/01**

PhD Student of Cyberspace Security, *Xidian University*, School of Cyber Engineering, Supervisor: Jianfeng Ma. — **Since 2021/03**

Visiting PhD Student of Cyberspace Security, *National University of Singapore*, School of Computing, Supervisor: Ee-Chien Chang. — **2022/11–2023/11**

Research Interests

Data security and privacy protection in private key cryptography, namely searchable encryption (encrypted documents), cloud computing, applied cryptography

Main Publications

[1]: **Feng Li**, Jianfeng Ma, Yinbin Miao, Qi Jiang, Ximeng Liu, Kim-Kwang Raymond Choo. "Verifiable and Dynamic Multi-keyword Search over Encrypted Cloud Data Using Bitmap", *IEEE Transactions on Cloud Computing*, DOI: 10.1109/TCC.2021.3093304

[2]: **Feng Li**, Jianfeng Ma, Yinbin Miao, Zhiquan Liu, Kim-Kwang Raymond Choo, Ximeng Liu, Robert H. Deng. "Towards Efficient Verifiable Boolean Search over Encrypted Cloud Data", *IEEE Transactions on Cloud Computing*, DOI: 10.1109/TCC.2021.3118692

[3]: **Feng Li**, Jianfeng Ma, Yinbin Miao, Ximeng Liu, Jianting Ning, Robert H. Deng. "A Survey on Symmetric Searchable Encryption", *ACM Computing Surveys*, https://doi.org/10.1145/3617991.

[4]: **Feng Li**, Jianfeng Ma, Yinbin Miao, Pengfei Wu and Xiangfu Song. "Beyond Volume Pattern: Storage-Efficient Boolean Searchable Symmetric Encryption with Suppressed Leakage", *ESORICS* 2023. (Accepted rate: 19.5%)

[5]: Yinbin Miao, **Feng Li**, Xinghua Li, Jianting Ning, Hongwei Li, Kim-Kwang Raymond Choo, Robert H. Deng. "Verifiable Outsourced Attribute-Based Encryption Scheme for Cloud-Assisted Mobile E-health System", *IEEE Transactions on Dependable and Secure*

Computing, DOI: 10.1109/TDSC.2023.3292129

[6]: Yinbin Miao, **Feng Li**, Xinghua Li, Zhiquan Liu, Jianting Ning, Hongwei Li, Kim-Kwang Raymond Choo, Robert H. Deng. "Time-Controllable Keyword Search Scheme with Efficient Revocation in Mobile E-health Cloud", *IEEE Transactions on Mobile Computing*, DOI: 10.1109/TMC.2023.3277702

[7]: Yinbin Miao, **Feng Li**, Xiaohua Jia, Huaxiong Wang, Ximeng Liu, Kim-Kwang Raymond Choo, Robert H. Deng. "REKS: Role-Based Encrypted Keyword Search With Enhanced Access Control for Outsourced Cloud Data", *IEEE Transactions on Dependable and Secure Computing*, DOI: 10.1109/TDSC.2023.3324640

[8]: Xiangyu Wang, Jianfeng Ma, **Feng Li**, Ximeng Liu, Yinbin Miao, Robert H. Deng. "Enabling Efficient Spatial Keyword Queries on Encrypted Data with Strong Security Guarantees", *IEEE Transactions on Information Forensics and Security*, DOI: 10.1109/TIFS.2021.3118880

[9]: RuiDong Han, Chao Yang, JianFeng Ma, Siqi Ma, YunBo Wang, **Feng Li**. IMSHELL-DEC: Pay More Attention to External Links in POWERSHELL, *SEC 2020*, 2020: 189-202