

Faxing Wang

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Homepage: lingering.github.io

Education

Sep 2018-Jul 2021 *M.Sc. in Cybersecurity*
University of Science and Technology of China | GPA: 3.33/4.0
Thesis on going : "Using SGX for maliciously secure and efficient MPC"

Sep 2014-Jul 2018 *B.Eng. in Communication Engineering*
Southwest Jiaotong University | GPA: 3.2/4.0 | rank 8/54

Experience

Sep 2018 - Present | **Lab of Future Network, USTC** *Advisor: [Chi Zhang](#)*
In the Group of Blockchain & Privacy, covered a variety of topics of privacy in blockchain systems especially on Bitcoin, such as using an SPV(Simplified Payment Verification) client to retrieve transaction records in a privacy-preserving way, or building an efficient Lightning Network with privacy.

Jul 2019 | Summer School at **LoCCS, SJTU** *Shanghai Jiao Tong University*
A seminar on state-of-art attack techniques including Vulnerabilities of ML Models, Side Channel Attacks On SGX, and Fuzzing.

2020 | Finished Online Courses On Coursera: Cryptograph I (91/100) By Dan Boneh, [Cryptography](#)(92/100) By Jonathan Katz, [Usable Security](#)(91/100) and [Software Security](#)(89/100) of UMD.

Skills

Languages: English(*TOEFL: 87*), Mandarin(*native*)

Programming Languages: C/C++, Python, Matlab, \LaTeX , Markdown

Tools/Frameworks: Libscapi, Git, CryptoPP, SGX

Awards

First-class(2015), Second-class(2016, 2017) Academic Scholarship in SWJTU

Third-class Prize in National Cybersecurity & Operations Challenge 2016

Outstanding Undergraduate 2018

Second-class(2018, 2019) and First-class (2020) Academic Scholarship in USTC

Publication

Yankai Xie, Chi Zhang, Lingbo Wei, Yukun Niu, **Faxing Wang**, "Private Transaction Retrieval for Lightweight Bitcoin Client." *IEEE International Conference on Blockchain and Cryptocurrency (ICBC 2019)*

Yankai Xie, Chi Zhang, Lingbo Wei, Yukun Niu, **Faxing Wang**, Jianqing Liu, "A Privacy-preserving Ethereum Lightweight Client Using PIR." *IEEE/CIC International Conference on Communications in China(ICC 2019)*