

Xiang Liu

Email : lx1234@buaa.edu.cn

Homepage : lx-1234.github.io

EDUCATION

- **Beihang University (BUAA)** Beijing, China
Master in Cyberspace Security; GPA: 3.85/4.0 (Rank 9/53) Sept 2021 - Jun 2024 (Expected)
- **Beihang University (BUAA)** Beijing, China
Bachelor of Information Security; GPA: 3.75/4.0 (Rank 10/52) Sept 2017 - Jun 2021

RESEARCH INTEREST

- **MPC and ZKP**: Private Set Operations, Oblivious Transfer, Oblivious Linear Evaluation, MPC-in-the-head

PUB PAPERS

- **Xiang Liu, Ying Gao. Scalable Multi-party Private Set Union from Multi-Query Secret-Shared Private Membership Test.** ASIACRYPT 2023.
- Ying Gao, Hanyu Li, Wei Wang, **Xiang Liu**, Jie Chen. **Survey on Oblivious Transfer Protocols.** Journal of Software, 2023, 34(4): 1879-1906.
- Yupeng Zhang, Ying Gao, Yu Yan, **Xiang Liu.** **Fast Software Implementation of ZUC Algorithm.** Journal of Cryptologic Research. 2021, 8(3): 388-401.

INTERNSHIPS

- **Huawei Technologies Co., Ltd** Beijing, China
2012 Labs, Cyber Security and Privacy Protection Engineer Jun 2021 - Aug 2021

TEACHING EXPERIENCE

- **Teaching Assistant and Assistant Lecturer** Beihang University
Scientific Research Class of Multiparty Computation Mar 2022 - Jun 2022
- **Teaching Assistant** Beihang University
Essential Mathematics for Cyber Security (Graduate Level) Sept 2021 - Jan 2022
- **Teaching Assistant** Beihang University
Mathematical Foundations of Information Security Sept 2020 - Jan 2021

SELECTED HONORS AND AWARDS

- National Scholarship for Master's Students, Beihang University Sept 2023
- First-class Academic Scholarship for Master's Students, Beihang University (Third Year) Sept 2023
- Merit Student of Beihang University Sept 2022
- First-class Academic Scholarship for Master's Students, Beihang University (Second Year) Sept 2022
- First-class Academic Scholarship for Master's Students, Beihang University (First Year) Sept 2021
- Model Student of Beihang University Sept 2018

SKILLS

- **Programming:** C/C++, Python, Java, MATLAB
- **Tools:** Git, Docker, LaTeX
- **Lauguages:** Chinese, English