Zhenghao Lu

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RESEARCH INTERESTS

Theoretical Computer Science, Cryptography, Multi-Party Computation, Consensus

EDUCATION

Shanghai Jiao Tong University   *September 2022 - March 2025 (expected)*
M.S. in Cyber Science and Engineering
GPA: 3.92/4.00
Advisor: Prof. Lei Fan

Shanghai Jiao Tong University   *September 2018 - June 2022*
B.S. in Cyber Science and Engineering
GPA: 90.85/100, Rank: 3/127

MANUSCRIPTS

All manuscripts list authors in alphabetical order.

- *Column-wise Garbling, and How to Go Beyond the Linear Model* [PDF]
  Lei Fan, Zhenghao Lu, Hong-Sheng Zhou
  In Submission

- *Efficient Garbled Pseudorandom Functions and Lookup Tables from Minimal Assumption*
  Wei-Kai Lin, Zhenghao Lu, Hong-Sheng Zhou
  In Submission

- *Best-Possible Unpredictable Proof-of-Stake: An Impossibility and a Practical Design*
  Lei Fan, Jonathan Katz, Zhenghao Lu, Phuc Thai, Hong-Sheng Zhou
  In Submission

EXPERIENCE

TikTok, Shanghai   *June 2023 - September 2023*
Intern in Privacy-and-Security

Alibaba Cloud, Shanghai   *June 2021 - September 2021*
Intern in System-Security

TEACHING

Blockchain and Its Applications   *Fall 2023, Spring 2024*
Teaching Assistant

Innovative Information Security Technology   *Spring 2023*
Teaching Assistant

SERVICES

External Reviewer
Asiacrypt 2023/2024, Eurocrypt 2024, CCS 2024