

JIAHAO LUO

Email ◇ luoshitou9@gmail.com

Github ◇ <https://github.com/learnerLj>

Blog(Chinese) ◇ <https://blog-blockchain.xyz>

EDUCATION

University of Electronic Science and Technology of China

September 2020 – June 2024

B.S. in Cybersecurity, School of Computer Science and Engineering(School of Cybersecurity)

Overall GPA: 3.96/4.00(91.1/100)

EXPERIENCE

The Hong Kong Polytechnic University

July 2023 - Present

Research Administrative Assistant

Hung Hom, Hong Kong

- Supervised by Dr. Daniel Xiapu Luo.
- Actively involved in the project titled "Machine Learning Empowered Detection of Illicit Smart Contracts and Transactions", funded under the Security category of the Academic Grants Round 2023 by the Ethereum Foundation.
- Reviewed academic papers and modified the go-ethereum client for enhanced measurement of the Ethereum network. Engaged in comprehensive data collection and analysis.

METATRUST LABS PTE. LTD

October 2022 - April 2023

Web3 Security Engineer

Remote Position for a Singapore-based Company

- Supervised by Professor Yang Liu in Nanyang Technological University.
- Developed and designed static analysis tools from scratch for the startup project.
- Tracked blockchain hacks and wrote detector rules for DeFi and cross-chain smart contracts.
- The project cooperated with the BNB chain and scanned all DeFi projects to find latent vulnerabilities.

Training Program of Innovation and Entrepreneurship for Undergraduates

January 2022 - November 2022

Project Leader

UESTC, Chengdu, China

- Supervised by Professor Chen Ting.
- Made considerable efforts to study the go-ethereum client source code and EVM bytecode decompile methods for extracting essential characteristics of the bytecode of smart contracts.
- Piled at the memory pool and collected transactions.
- The geth source code analysis tutorial I wrote has gained 299 stars on GitHub and more than 1700 followers on Zhihu.

HONORS & AWARDS

Outstanding Winner & Award for Mathematical Achievement designated by AMS

2023

COMAP

- 2023 The Mathematical Contest in Modeling & The Interdisciplinary Contest in Modeling(MCM/ICM)

the first prize of the province degree

2022

China Society for Industrial and Applied Mathematics

- China Undergraduate Mathematical Contest in Modeling (CUMCM)

National Encouragement Scholarship

2021-2023

TECHNICAL STRENGTHS

Computer Languages

C, C++, Golang, Python, Haskell

Blockchain

go-ethereum, slither