Zhou Liao

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⭗ [COLD-PLAY](#) · Job intention: Developer

ⓘ Education experience

- 2015.9~2019.7 Bachelor, UESTC, CS
- 2019.9~2022.7 Master, UESTC, CS
- Master's GPA: 3.96, top 1%; Undergraduate GPA: 3.6, top 25%
- English level: CET-4:555, CET-6:513, free for daily communication and literature reading

🏆 Award winning experience

- 2019-2020, National scholarship and first-class scholarship for graduate students 1%
- 2020, IEEEXtreme14 ranking: 130/2157
- 2020, The best promotion award of Blockchain Technology Network Security Application Innovation Competition
- 2020, The third prize of School Enterprise Innovation and Entrepreneurship Competition

🕸 Project experience

- **2019.6~2019.10, Ziiliqa GraphQL**
  Using Python as the development language, flash as the framework and neo4j as the database, we provide data query services for zilliqa, a blockchain company. The data is stored in the neo4j graphic database, and provides API query and cypher statement query.
- **2019.9~2020.12, Research of vulnerability analysis and detection technology**
  Using C++ and Python to complete the program control flow anomaly detection based on the integrity of control flow, build the attack feature library, and insert code into binary program to detect the abnormal control flow jump.
- **2020.8~2021.1, Local and LAN information collection**
  Using C++ programming, using win32API to obtain windows host information, including software and hardware, important files and browsing records and other information. At the same time, TCP / ICMP is used to scan LAN and sniff other host information, including fingerprint information.

🎓 Research experience

- **"Inline": In posting**
  Student first author, completed the data acquisition, cleaning and analysis, analyzed the code of the inline assembly part of the 7.6 million open source contract in detail.
- **"SODA": Included in NDSS(one of four top security conferences)**
  Fourth author, this paper uses golang as the development language, integrates and implements a cross chain portable information collection platform in the existing blockchain client, and provides the corresponding API to develop online plugins.

😃 Character and Specialty

- Lively and cheerful, good at communication and cooperation
- Badminton, running, cycling, Rubik's Cube

⚒ Skills

- Familiar with C++, python
- Familiar with blockchain such as Ethereum
- Understand JavaScript generally