# Feng Zhao

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Shenzhen, China

## EDUCATION

**Peking University**                                                                                    Aug 2021  - Jul 2024

Computer Science Master

- Research Interests: Blockchain, Privacy-Preserving, Database, Future Network

**Northeastern University**                                                                          Aug 2017  - Jul 2021

Software Engineering Bachelor

- GPA: 3.9575 / 5.0  or  90 / 100        Comprehensive Ranking: 7 / 300, top 2%
- Relevant Coursework: Data Structure and Algorithms 93, Advanced Mathematics  91, Probability and Mathematical Statistics 92, Python Programming 93, Computer Network 91

## PUBLICATION

1. Han Wang, Hui Li*, Abla Smahi, **Feng Zhao**, Yao Yao, Ching Chuen Chan (IEEE Fellow), Shiyu Wang, Wenyuan Yang*, Shuo-Yen Robert Li (IEEE Fellow), "MIS: A Multi-Identifier Management and Resolution System in the Metaverse", ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM), 2023. **(CCF B, JCR Q1)**

2. Han Wang, Hui Li*, Zixian Wang, **Feng Zhao**, Yao Yao, Tuanfa Qin, Ping Lu et al., "Optimizing Read Performance in Lightweight Blockchain with Cooperative Storage Scheme", International Conference on Blockchain Computing and Applications (BCCA), 2023.

3. IEEE Blockchain 2023 (Under Review, first author)

## PATENT

**CN112804152A:** A method and system for the continuous evolution of addressing and routing identification in a group communication network

## RESEARCH

**Multiple Identifier System based on Ethereum**                                      Feb 2023  - Jun 2023

Researcher & Developer

- Design data structure and workflow for Multi-Identifier System (MIS)
- Develop the EMIS (Ethereum Multi-Identifier System) smart contract based on the Ethereum development environment.

**Supply Chain Finance System Development**                                        Jul 2022  - Feb 2023

Research & Developer

- Organize business processes, and design data structures and modules.
- Develop the backend prototype system and perform deployment testing.
- Developed workflows for banks, government, and commercial companies, and addressing issues related to micro-enterprise loans, credit pledging, etc., thereby improving the efficiency of fund circulation.

**Multiple Identifier Web Browser Development**                                      Sep 2021  - Jul 2022

Researcher & Developer

- MIN (Multi-Identifier Network) architecture: MIN is a future network architecture that is designed for multiple identifiers such as IP identifier (in traditional IP network), content identifier (in NDN network) and so on.
- Participate in the design and development of the MIN network transmission protocol.
- Developed a browser backend based on the MIN network protocol, replacing the traditional TCP/IP protocol.

## EXPERIENCE

**Online racing game development**                                              Dec 2019 - Jan 2020

Developer

- Built the car model and refined the client-side in Unity 3D
- Configured the environment resource bundle
- Developed the server-side of online racing game on Linux operating system ( C++ )
- Used Socket technology to realize the communication between client and server in LAN based on TCP protocol

**Machine Reading Comprehension**                                               Feb 2019 - Oct 2019

Researcher

- Reproduced those algorithm and project from classical papers ( Python )
- Optimize models and algorithms, improving their accuracy on relevant data sets

**Neusoft HIS hospital management system**                                      May 2019 - Jul 2019

Developer (in Neusoft Corporation)

- Designed and maintained the system database ( MySQL)
- Desine front end UI
- Improved the front-end system development efficiency and browser compatibility with the front-end framework such as vue.js
- Completed server-side development and improved system robustness with the SSM framework ( Java )
- Used the Tomcat application server to complete the deployment and debugging of the Web project

## HONORS & AWARDS

| | |
|---|---|
| Honor Graduate in Liaoning Province, 3% | 2021 |
| National Scholarship, 1% | 2018, 2019 |
| First Price Scholarship, 3% | 2018, 2019 |
| Pacemaker to Excellent Students Cadre, 1% | 2019 |
| Pacemaker to Excellent Students, 1% | 2018 |

## LEADERSHIP

| | |
|---|---|
| **Vice president of student union** | Sep 2019 - May 2021 |
| **Student principal assistant** | Jun 2018 - Jul 2019 |
| **Monitor** | Sep 2017 - Jul 2018 |

## MISCELLANEOUS

- **Skills:** Golang, Java, Python, Solidity
- **Languages:** CET-6 (517)