

# Feng Zhao

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## EDUCATION

### Peking University

Aug 2021 - Jul 2024

Computer Science Master

- Research Interests: Blockchain, Smart Contract, Future Network, Distributed System, Database

### Northeastern University

Aug 2017 - May 2021

Software Engineering Bachelor

- GPA: 4.0099 / 5.0 (or 90/100, Top 5%, till 2021.3)      Comprehensive Ranking: 7 / 300
- 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\*, Ablal 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.

## PATENT

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

## EXPERIENCE (Postgraduate)

### Multiple Identifier Smart Contract Based on Ethereum

Feb 2023 - Jun 2023

Researcher & Developer

- Design smart contract structure for Multi-Identifier System (MIS) based on MIN (Multi-Identifier Network) architecture,
- Develop the EMIS (Ethereum Multi-Identifier System) contract based on the Ethereum development environment.

### Supply Chain Finance System Development

Jul 2022 - Feb 2023

Developer

- Engage in discussions with professionals such as banks and financial advisors to explore business processes and design the data structure for related modules such as contract documents, account vouchers, and financing credentials.
- Develop the backend prototype system and perform deployment testing.
- Provide functions such as identity verification, business activity recording, relationship management protection, and credit credential distribution to clients such as banks and businesses.

### Multiple Identifier Web Browser Development

Sep 2021 - Jul 2022

Researcher & Developer

- MIN (Multi-Identifier Network) architecture: Unlike traditional IP network architectures that are host-centric, MIN is a future network architecture that is designed for multiple identifiers such as content identifier, identity identifier and so on.
- Assist in the research and development of routing communication and network transport protocols based on the Multi-Identifier Network system.
- Develop the backend of the browser using the MIN protocol as a replacement for the TCP/IP protocol.

## EXPERIENCE (Undergraduate)

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### 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

Undergraduate Researcher

- Read a lot of papers and reproduced the classical algorithm and project in the papers ( Python )
- Debugged the project to make it run smoothly
- Modified the algorithm model and improved its accuracy on relevant data sets

### Neusoft HIS hospital management system

Jun 2019 - Aug 2019

Developer

- Designed and maintained the system database ( MySQL and Realized the development of the front end
- 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

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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

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### Vice president of student union

Sep 2019 - May 2021

### Student principal assistant

Jun 2018 - Jul 2019

### Monitor

Sep 2017 - Jul 2018

## MISCELLANEOUS

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