Lin Chen

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Affiliation: Cyberspace Institute of Advanced Technology, Guangzhou University, Guangzhou, China

Bio

Lin Chen received his Bachelor's degree in Internet of Things from Anhui Polytechnic University in 2019. After graduation, he worked as a software engineer at Beijing Kelan Software System Co., Ltd. He is now pursuing a Master's degree at the Cyberspace Institute of Advanced Technology (**The Academician Fang's Class**), Guangzhou University, with research interests in **blockchain applications and security**. He has contributed to **2 National Key R&D Programs**, published **3 academic papers (1 SCI and 2 EI)**, and filed **2 invention patents** and **1 software copyright**.

Education

Cyberspace Institute of Advanced Technology, Guangzhou University 2022 - Now
M.S. ; Supervisor: Shen Su

School of Computer and Information, Anhui Polytechnic University 2015 - 2019
B.S.

Employment experience

Core Systems Division, Beijing Kelan Software System Co., Ltd. 2019 - 2021
Software engineer

Publications

[1] **Lin Chen**, Jiaming Zhu, Yuting Xu, Huanqin Zheng, Shen Su, A Framework Based on the DAO and NFT in Blockchain for Electronic Document Sharing, Computer Modeling in Engineering Sciences (**CMES**, **SCI**), 2024.

[2] **Lin Chen**, Qunhong Sun, Shen Su, Yu Cui, Man Zhang, Zhihong Tian, A Cyber Range Based Method for Digital Twin Construction of a Blockchain Network, International Conference on Network Simulation and Evaluation (**NSE**, **EI**), 2023.

[3] Yuting Xu, **Lin Chen**, Xiang Yu, Kui Liu, Oracles-based Framework for Introducing Governance Entitlements across DAOs, The 30th International Conference on Computational Experimental Engineering and Sciences (**ICCES**, **EI**), 2024.

Projects

Key Technologies for a Secure and Resilient Blockchain Network, **National Key R&D Program (2022YFB2702300)** 2023 —Now

Subject: ***Blockchain Network Testing, Validation, and Attack-Defense Target Construction***
Role: ***Subject Host****, Supervisor: Shen Su*
Work Contents and Responsibilities:
Oversaw project research and development, coordinate cross-project integration and testing, developed a universal blockchain network testing standard (security, performance, throughput), and created a Go-based automated system for rapid blockchain construction on a cyber range.

Selected Awards and Honors

- *Second Prize in the 3rd Trusted Blockchain Security Competition* *China, 2023*
- *Silver Award of the 10th China International College Students' Innovation and Entrepreneurship Competition* *Guangdong Province, 2024*
- *Scholarship of Research Excellence* *Guangzhou University, 2023*
- *First-class M.S. Scholarship (**Top 10%**)* *Guangzhou University, 2023*
- *Third-class M.S. Scholarship* *Guangzhou University, 2022/2024*

Patents

[1] Shen Su, **Lin Chen**, Zhihong Tian, Hui Lu, Yanbin Sun, Chenglin Zhang, A method and system for automatically generating domain name resolution business scenarios, **Announced**, 2023.

[2] Shen Su, Jiaming Zhu, **Lin Chen**, Zhihong Tian, Hui Lu, A blockchain-oriented test scenario automated construction method and system, **Accepted**, 2024.

Software Copyrights

[1] **Lin Chen**, Liansheng Lin, Huanqin Zheng, Chenglin Zhang, Jing Deng, Shen Su, Zhihong Tian, Domain Name Resolution System Test Scenario Planning and Generation System, **Registered**, 2022.

Technical certifications

- *Qualification of Computer and Software Professional (Ministry of Industry and Information Technology), 2021*

广 州 大 学
GUANGZHOU UNIVERSITY

GUANGZHOU UNIVERSITY GRADE TRANSCRIPTS (9/2022--6/2025)

(MASTER'S DEGREE)

NAME： Chen Lin **STUDENT NO**： 2112233047

DEPT： Cyber Space Institute of Advanced Technology

Course Title	Credits	Hours	Marks
Analysis and Demonstration II	2	64	71
Principles and Application on Blockchain System	2	32	92.6
Innovative Thingking and Critical Reasoning I	4	64	77.4
The Design and Analysis of Algorithms	2	32	84
Cognition and questioning I	2	64	100
Essential Laws of Cyberspace Security	1	16	77.8
Advanced Game Theory	2	32	68
Lectures on Frontier of Research	2	32	89.4
Analysis and Demonstration I	2	64	71.5
Thesis Writing Guidance	0.5	8	86
English Audio-visual Speaking	1	32	91.7
English for Academic Communication and Writing	1	16	86.8
The Theory and Practice of Socialism with Chinese Characteristics in The New Era	2	32	93
Machine Learning	2	32	85
Cognition and questioningII	2	64	100
Composite Experiment on Cyberspace Security	3	48	72
Workshop of Cyberspace Security	1	16	88.8
Dialectics of Nature	1	16	92.1
Innovative Thingking and Critical Reasoning II	4	64	81.7
Ethics of Engineering	1	16	85

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GUANGZHOU UNIVERSITY GRADE TRANSCRIPTS (9/2022--6/2025)

(MASTER'S DEGREE)

NAME： Chen Lin **STUDENT NO**： 2112233047

DEPT： Cyber Space Institute of Advanced Technology

Course Title	Credits	Hours	Marks
Total Credits：37.50 Average Scores：84.69 Grade Point Average：3.34			

REMARKS :
1 .Grading system of test:
(1) A(Excellent)= 90 - 100 ; B(Good)= 80 - 89 ; C(Satisfa ctory)= 70 - 79 ; D(Pass)= 60 - 69 ; E(Fail)= 0 - 59 .
(2) P(pass)= 60 - 100 ; F(Fail)= 0 - 59 .
2 . Results of thesis defense : P - Pa ss; NP - Not Pass.

Graduate School of Guangzhou University

2024-12-10

学信网地址：https://www.chsi.com.cn/cjdyz/index