CHEN HAOTIAN

PH.D CANDIDATE

OBJECTIVE

One Ph.D. candidate position in the field of cybersecurity or in the field of quantum security.

SKILLS & ABILITIES

• **Coding and applications**: Qiskit, Python, Java, some C++
• **Research Tools**: Clarivate, Consensus, ChatPDF, Web of Science, Scopus, Google Scholar
• **Software Tools**: Docker, Wireshark, Nmap, Jupyter-Notebooks, GSN3, VMWare
• **Soft Skills**:
-Strong research and analytical abilities
-Detail-oriented and meticulous
-Capacity for sustained independent work
-Good communication and collaboration skills
-Perseverance and determination
-Passion for continuous learning and self-improvement
-Effective problem-solving skills

VITALS

Nowon-gu, Seoul, Republic of Korea
T +86 131 5317 4783
E a670627525@gmail.com

EXPERIENCE

- **Seoul National University of Science and Technology (SeoulTech), Seoul, Rep. of Korea**
  2021.09 – 2023.11
  Ph.D. Position in Ubiquitous Computing & Security Lab

EDUCATION

- PhD Candidate in Computer Science and Engineering, Seoul National University of Science and Technology (SeoulTech), Seoul, Rep. of Korea
  2021.09 – 2023.11 **(GPA = 4.27/4.50, 97.4/100)**
- Bachelor of Science in Computer Science and Engineering, Seoul National University of Science and Technology (SeoulTech), Seoul, Rep. of Korea
  2017.03 – 2021.08 **(GPA = 3.64/4.50, 90.2/100)**

RESEARCH EXPERIENCE

- Leveraging Application Permissions for Android Ransomware Detection: Deep Reinforcement Learning Approach, Journal of Network and Computer Applications **(ISSN 1084-8045, Impact Factor: 7.7, JCR Q1 Top 4.2%) (Ack: NRF - RS-2023-00267476), 2024 [Published]**
- A Digital Twin-Based Heuristic Multi-Cooperation Scheduling Framework for Smart Manufacturing in IIoT Environment, Applied Science **(EISSN 2076-3417, Impact Factor: 2.5, JCR Q2 Top 24.3%) (Ack: NRF-2019M3F2A1073386), 2023 [Published]**
- A Novel Smart Contract based Optimized Cloud Selection Framework for Efficient Multi-Party Computation., Journal of Information Processing Systems, **(EISSN 2092-805X, Impact Factor: 1.6, Scopus), 2023 [Published]**
- Blockchain-Based Distributed Information Hiding Framework for Data Privacy Preserving in Medical Supply Chain Systems., **Sensors, (EISSN 1424-8220, Impact Factor: 3.4, JCR Q2 Top 30.9%)(Ack:NRF-019R1A2B5B0107041613 & UD210029TD), 2022 [Published]**
- A Comprehensive Study of Quantum Computing Technologies in Smart City: Review and Future Directions, Human-centric Computing and Information Sciences **(ISSN 1389-1286, Impact Factor: 3.9, JCR Q2 Top 26.3%) (Ack: NRF - RS-2023-00267476), 2024 [Submitted]**

AWARDS AND RECOGNITIONS

- **Scholarships**
  'Scholarship for Outstanding Achievement for Foreigners' for each semester of my undergraduate studies (4 semester full scholarships and 4 semester half scholarships).
  'Scholarship for Outstanding Achievement for Foreigners' for each semester of my graduate studies (75% scholarships).
- **Best Paper Award in International Conference**
  The 13th International Conference on Computer Science and its Applications, Jeju, Korea, 2021
  The 2022 World Congress on Information Technology Applications and Services Jeju, Korea, 2022
  The 2023 International Conference on Big data, IoT, and Cloud computing, Jeju, Korea, 2023
- **Recognitions in Technical Blog, China**
  - **Alibaba Cloud Developer Community-Blogging Expert**: May, 2023
  - **CSDN-Blogging Expert**: March, 2023

OTHER WORK

- **Book Publication, China**
  Quantum Security: A New Era in Information Protection. Published with the PHEI (Publishing House of Electronics Industry, the 4th-ranked publisher in the field of Chinese technology books), 2024