Yuanshuai Li

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Education

- **Nantong University** *Sep. 2021 - Jun. 2025*
  Bachelor of Engineering in Internet of Things Engineering Nantong, China
  - **Average GPA:** 87.2/100 (Ranking 4/123, Top 3.25% of the class)
  - **CET-6:** 574
  - **Relevant Courses:** Computer Networks (98); IoT Communication Technology (96); IoT Information Security Technology (89); Embedded Systems and Interface Technology (91); Computer Organization and Design (91); Mathematical Modeling and Algorithm Implementation (Excellent);Machine Learning(Excellent)
  - **Current Major Study Directions:** Vehicular Network Security, Information Security, Cryptography

Publications

C=Conference, J=Journal

[J.1] **Yuanshuai Li**, Cao Li, Guoli Zheng, Honglei Men, Liang Chen (2024). **Improved RSA Dynamic Cryptographic Accumulator-Based Anonymous Batch Authentication Scheme for Internet of Vehicles**. *Computers and Electrical Engineering*, Vol. 117, pp. 109261. DOI: 10.1016/j.compeleceng.2024.109261 (*JCR Q1*)

[J.2] **Yuanshuai Li**, et al. (2023). **Research on CapBAC-Cryptographic Accumulator-Based Access Control Algorithm in Vehicular Networks**. Manuscript accepted for publication in *Computer Applications and Software*. (Accepted, pending publication) (*Peking University Core Journal: Peking University Core Journal is a leading Chinese academic journal directory*)

[J.3] **Yuanshuai Li**, Cao Li, Di Zhang (2023). **Research and Implementation of Distributed Trust Mechanism in Vehicular Networks Based on HashGraph**. *Computer Times*, Vol. 2023, Issue 10, pp. 22-26+31. DOI: 10.16644/j.cnki.cn33-1094/tp.2023.10.005 (*SCD Provincial Journal*)

[J.4] Di Zhang, Cao Li, **Yuanshuai Li** (2023). **Research on Multi-Policy Access Tree-Based Secure Access Control Algorithm in Vehicular Networks**. *Computer Application Research*, Vol. 40, Issue 11, pp. 3394-3401. DOI: 10.19734/j.issn.1001-3695.2023.03.0125 (*Peking University Core Journal*)

[C.1] Guoli Zheng, Cao Li, **Yuanshuai Li**, Honglei Men (2024). **Hybrid Message Authentication Scheme for Internet of Vehicles Based on Zero-Knowledge Proof**. In *2024 5th International Seminar on Artificial Intelligence, Networking and Information Technology (AINIT)*, pp. 1441-1453. IEEE. DOI: 10.1109/AINIT61980.2024.10581761 (*EI Conference*)

[J.5] Di Zhang, Cao Li, **Yuanshuai Li** (2023). **LBS Privacy Protection Scheme for Vehicular Networks in Sparse User Environments**. *Computer Application Research*, Vol. 40, Issue 11, pp. 3394-3401. DOI: 10.19734/j.issn.1001-3695.2023.03.0125 (*Peking University Core Journal*)

Other Achievements and Skills

- **Patents:** Filed 10 national-level invention patents in China, all under substantive examination, with 3 as the first applicant and 3 as the second applicant. Filed 2 software copyrights.
- **Chinese University Students' Innovation and Entrepreneurship Projects:**

  National-Level: Research on Key Technologies for Secure Communication and User Privacy Protection in the Internet of Vehicles (First Host, Completion Grade: Excellent)

  National-Level: Research on Secure Authentication and Data Privacy Protection Technologies in the Internet of Vehicles (Second Host, Ongoing)
- **Honors and Awards:** First-Class Scholarship x2, Third-Class Scholarship x1, Scientific Innovation Award x1
- **Programming Languages:** Python, Java, C++, MATLAB, LaTeX