

Wenqiang Deng

Ph.D. Student | Shenzhen University

1147993248@qq.com | (+86) 18711758282 | acedeng1217.github.io/wenqiang

Education

Shenzhen University

Ph.D. Student

2026 – Present

Shenzhen, China

Changsha University of Science and Technology

M.Eng. in Computer Technology

2021 – 2024

Changsha, China

- Graduate entrance examination score: **401**; ranked **2nd** in the cohort.
- GPA: **3.6/4.0**; recipient of the **First-Class Academic Scholarship** for three consecutive years.
- Recognized as an **Outstanding Graduate**.

Hunan Institute of Technology

B.Eng. in Automation; Minor in Business Administration

2016 – 2020

Hengyang, China

- Overall major ranking: **26/155**.
- Undergraduate thesis on a microcontroller-based automotive electronic product test fixture was rated **Outstanding**.

The University of Queensland

Short-Term Study Program

Jul 13 – Aug 10, 2024

Brisbane, Australia

- Intensive training in English communication and critical thinking.

Languages

English

IELTS **7.0** (Listening 7.0, Speaking 7.0, Reading 7.0, Writing 6.0); CET-6.

Mandarin

Mandarin Proficiency Test, **Level 2-A**.

Publications

- Zhuofan Liao, **Wenqiang Deng**, Shiming He, and Qiang Tang. “Collaborative Filtering-based Fast Delay-aware Algorithm for Joint VNF Deployment and Migration in Edge Networks.” *Computer Networks*, vol. 243, 110300, 2024. **CCF-B**. doi:10.1016/j.comnet.2024.110300
- Wenqiang Deng**. “SimV: A Self-extension Similarity Viterbi Algorithm for Service Function Chain Deployment for Multi-access Edge Computing.” In *2024 IEEE International Symposium on Parallel and Distributed Processing with Applications (ISPA)*, pp. 1819–1826, 2024. **CCF-C**. doi:10.1109/ISPA63168.2024.00248

Academic & Professional Experience

Full-Time Lecturer, School of Computer Science

Guangzhou College of Applied Science and Technology

Jan 2024 – Aug 2026

- Taught in the Internet of Things program for four semesters; received student evaluation scores of **92, 94, 95, and 94 out of 100**.
- Supervised students in Category-A competitions and guided them to win a **national-level award**.
- Presented research at an international conference and published a **IEEE conference paper**.
- Received the university-wide **Outstanding Faculty Advisor** honor; only **30 recipients** were selected across the university.

Embedded Software Engineer

Zhongshan Lingyue Electronics Co., Ltd.

Jul 2019 – Apr 2020

- Participated in the end-to-end development workflow of **automotive microcontroller products**, including data acquisition, firmware development, and product testing.
- Developed an intelligent test fixture from technical drawing and soldering through debugging; the fixture was integrated into the company’s product-testing process, and the project later became an **Outstanding** undergraduate thesis.

Research & Technical Profile

- Algorithms and Machine Learning:** research experience with machine learning, similarity-based methods, dynamic programming, and algorithmic optimization.
- Edge Computing and Networking:** master’s research focused on Service Function Chain (SFC) deployment and VNF deployment/migration in edge networks; the proposed method reduced system latency by up to **22.08%**.

- **Embedded Systems and Communication:** hands-on experience with microcontroller-based product development and serial, LIN/CAN, and Zigbee communication.
- **Programming:** C, C++, Python.

Awards & Competitions

- **National Second Prize**, 2022 China Robot Competition and RoboCup China Open.
- **National Excellence Award**, 24th China Robotics and Artificial Intelligence Competition.
- **Outstanding Faculty Advisor**, Guangzhou College of Applied Science and Technology.
- **First-Class Academic Scholarship**, Changsha University of Science and Technology, three consecutive years.
- **Outstanding Graduate**, Changsha University of Science and Technology.
- **Outstanding Student Cadre**, recognized during both undergraduate and master's studies.

Leadership Experience

- Held class leadership roles during both undergraduate and master's studies and received the **Outstanding Student Cadre** honor.
- Completed coursework in Management, Microeconomics, Macroeconomics, and Corporate Strategic Management.
- **Team Leader**, BuBuGao Education Tutorial Center(*Jun 2017 – Aug 2017*): Recruited and led a team of **10 university students** to organize a summer training program serving **more than 100 students**.

Selected Coursework

Mathematics	Advanced Engineering Mathematics (100/100); Complex Variables and Integral Transforms (97/100); Advanced Algorithms and Data Structures (91/100); Advanced Mathematics (89/100).
Networks	Advanced Computer Networks (93/100).
Control	Digital Electronics (90/100); Automatic Control Principles (89/100); Analog Electronics (86/100).