



XIAOTONG CHEN

SOFTWARE ENGINEER

PROFILE

With a solid educational background and hands-on experience, I bring familiar with multiple programming languages and frameworks. My journey has honed my skills in software development, testing, and data analysis. I aspire to join a progressive organization where I can utilize my abilities in system engineering and cloud technologies to deliver efficient, reliable, and cutting-edge solutions.

WORK EXPERIENCE

● **China Mobile Communications Group Co., Ltd (CMCC)-- Chongqing Mobile** 2024.7- 2024.8

Big Data Analyst (Have internship certificate)

- Team Leader of Research Group, Led a **big data visualization** project, focusing on perception ability on big data platforms.
- Coordinated weekly progress reports and presentations to supervisors, enhancing project visibility.
- Display a comprehensive research ppt and relevant data sources, outlining innovative solutions to data visualization challenges.

● **JD.com (China, Beijing)** 2024.1- 2024.2

Test Development Engineer (Have internship certificate)

- Conducted detailed testing using tools like Fiddler and Charles to ensure product quality and compliance.
- Identified and **resolved over 10 critical bugs** with a **resolution rate of 80%**, significantly improving software stability.
- Collaborated with R&D and product teams to streamline testing processes and achieve timely releases.

● **Xjera Lab (Singapore)** 2019.10 - 2020.1

Data Processing Engineer

- Automated workflows with Python Selenium for data collection and processing, reducing **manual tasks by 40%**.
- Participate in the camera test at Singapore Changi Airport, process the images generated by the camera, perform machine learning through the company's internal software.

PROJECT

● **Shangpin Selection Platform** Backend Developer 2024.4- 2024.6

- Use **SpringCloud** framework + **Alibaba OSS** build a backend system for community group buying and instant delivery services.
- Designed **Redis**-based shopping cart modules with AOF persistence, enabling real-time updates and stability under concurrent scenarios.
- Built **Elasticsearch**-driven full-text search functionality and integrated Kibana for data visualization.

ACTIVITY

● **Google Developer Groups - ANU** Technical Officer 2024.8- PRESENT

- Plan and host club activities, enhance the technical atmosphere through collaboration with participants, and effectively promote the development of the club.

CONTACT

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🌐 <https://www.linkedin.com/in/chen-thomas-5bb906287/>

🌐 <https://github.com/thomasChen9691?tab=repositories>

EDUCATION

2023.07 - 2025.07(Expected)
THE AUSTRALIAN NATIONAL UNIVERSITY

- Master of Computing

2020.10 - 2023.06
UNIVERSITY OF WOLLONGONG

- Bachelor of Computer Science (Double Major: Big Data and Digital System Security)

SKILLS

- Programming Languages and Algorithms (Java, Python, React)
- Database Management ,Computer Network and Containerization(Docker)
- Cloud Technologies(AWS,AZURE)
- Problem-Solving and Analytical Skills
- Communication and Collaboration

CERTIFICATIONS

- Microsoft: Azure Administrator Associate (AZ-104) and Fabric Analytics Engineer Associate(DP-600).
- AWS: Solutions Architect Associate (SAA-CO3) and Machine Learning Engineer Associate(MLA-CO1).

LANGUAGES

- Chinese (Native)
- English (Fluent)