Yuliang Li

📍 Manchester   ✉ lyrance@outlook.com   📞 +44 7387182825   🔗 lyrance.com   in Yuliang Li   ⌂ Lyrance

Education

University of Manchester   Manchester, UK
Master of Science in Robotics   *Sept. 2024 – Est Dec. 2025*

- Current GPA: 72.33
- **Units:** Software for Robotics, Robotic Systems, etc.

Qingdao University   Qingdao, CN
Bachelor of Engineering in Software Engineering   *Sept. 2019 – June. 2023*

- GPA: 3.62/4.0 (87.68/100)
- **Coursework:** Object-Oriented Programming, Data Structures, The Design and Analysis of Algorithms, Operating Systems Principles, Software Construction, Database Principles, Big Data Analysis, etc.

Experience

Azure Networking Support Engineer   *Shanghai, CN*
Shanghai Wicresoft Co,.Ltd.   *Dec. 2023 – July. 2024*

- **Networking:** Proficient in designing, deploying, and optimizing Azure network solutions, experienced on both L4(virtual networks, VPNs, ExpressRoute, etc.) and L7(HTTP/S, DNS, AFD/CDN, etc.). Adept at troubleshooting complex issues and ensuring the highest levels of performance, security, and reliability. Proven track record in resolving network protocol challenges, implementing robust security measures, and collaborating with cross-functional teams. Committed to delivering exceptional customer support and contributing to the success of Azure services.
- **Communication:** Provided specialized support to Premier/Unified-Enterprise customers in the APAC timezone (English & Mandarin), primarily resolving high-priority global Severity A cases. Quickly grasped customer issues and focused on restoring their network services as promptly as possible. Proficient in communication with customers, calming them under pressure, and efficiently identifying key points in their statements.

Projects

For better understanding, there are project demonstrations on [my website(https://www.lyrance.com)](https://www.lyrance.com) ↗.

Weibo Analysis

- This was my undergraduate thesis project, where I received an excellent score of 93/100 during the graduation defense. I developed a system that accurately identifies and analyzes the topics and sentiment of Weibo(Chinese social media) texts, presenting the analysis results in a visual format. The system has broad applications in areas such as public opinion monitoring, brand management, and early warning systems, demonstrating strong practical value.
- Tools Used: Python

Student Service Miniprogram

- Developed a WeChat mini-program with a range of features to meet students' needs for sign-in appointments, leave requests, and reporting. Implemented using a front-end and back-end separation architecture, with interaction via HTTP/S protocols.
- Tools Used: JavaScript, SQL, Python

Fuchsia Document Plan

- Actively participated as a member of the Fuchsia community in the localization and translation of Fuchsia documentation and guides, providing exploration guides for the Chinese community. Engaged in active communication with other contributors on the latest technologies to collectively advance the development of the open-source community.
- Tools Used: C, Markdown, LaTex

IC Design

- Learned Verilog and Chisel languages under the guidance of lab tutors and teaching assistants. Grasped the basic computer architecture design, and performed IC front-end design to improve branch prediction accuracy and IPC.
- Tools Used: Verilog, Chisel

Publications

QSAR Models of 2, 4-Disubstituted Imidazopyridines As Hemo-zoin Formation Inhibitors *June. 2021*

- Established a quantitative structure-activity relationship (QSAR) model to predict the physical and chemical properties of molecules, utilized CODESSA software to find suitable molecule descriptors by heuristic method.
- Divided the 60 compounds randomly into 45 training sets and 15 test sets to establish the nonlinear model using gene expression programming (GEP).
- Summarized the crucial research findings into an academic paper, and published it in *Journal of Computational Science & Engineering* (http://www.asocse.org/jcse/jcsedata/054/54-2.pdf ☑).

Honors & Awards

- Bronze Medal in 2020 China Collegiate Programming Contest (CCPC), Changchun Site
- Silver Medal in 2021 International Collegiate Programming Contest (ICPC), Shandong Site
- 2021-2022 Third-class Scholarship awarded by QDU
- Second Prize in 2022 The 13th Blue Bridge Cup Software National Competition (Java)
- Silver Medal in 2021 College Student Software Design Competition, Shandong Site
- Second Prize in 2021 The 12th Blue Bridge Cup Software National Competition (C/C++)
- National Special Prize in 2021 Group Programming Ladder Tournament

Skills & Specialties

Languages: Mandarin/Chinese (Native), English (Professional)

IT Skills: Software Design (C/C++, Python, Java), Front-End Development (Typescript, React, Tailwind CSS, Motion), WeChat Mini Program Development (Java, JavaScript, CSS), Apple Application Development (Swift), IC Design (Verilog, Chisel), etc.

Interests: Photography, Digital enthusiasts, Hardware, Creation, Craft, Game, HAM, PGP, etc.