Yedeli Ahati

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EDUCATION

The University of Sheffield, UK   **Sept. 2023 – Jan. 2025**

Master of Science (Advanced Computer Science)   **Expected Merit**

- *Courses:* Software Development for Mobile Devices; The Intelligent Web; Text Processing; Parallel Computing with Graphical Processing Units (GPUs), etc.

The University of Sheffield International College, UK   **Sept. 2022 – Jun. 2023**

Pre-Masters   GPA:73/100.00

- *Courses:* Programming (Java); Statistics; Research Project for STEM; Academic English Skills, etc.

Shanghai Maritime University, China   **Sept. 2016 - Jul. 2020**

Bachelor of Engineering (Network Engineering)   GPA: 74.3/100.00

- *Courses:* Data Structure; Digital Logic; Wireless Network Communications; Advanced Programming Languages; Object-Oriented Programming; Principle and Application of Database, etc.

COMPUTER KNOWLEDGE

Languages/Technologies: Kotlin, C, Java, JavaScript, SQL, HTML, CSS, Python, Assembly, CUDA

Tools/Software: Android Studio, IntelliJ IDEA, Visual Studio Code, WebStorm, Visual Studio, GitHub, Git

Databases: Firebase Firestore, MongoDB, MySQL

PROFESSIONAL EXPERIENCE

Shanghai Hongshuai Compute System Ltd.   **Shanghai, China**

Software Developer   **Sept. 2021 - Jul. 2022**

- Participated in the development of security software using C language and embedded it into hardware devices, primarily helping small and medium-sized enterprises and schools defend against external hacker attacks.
- Responsible for requirements analysis, design, and implementation of the software, designing targeted modules based on a thorough understanding of client security needs.
- Collaborated closely with the hardware team to ensure seamless integration between software and hardware, providing comprehensive security solutions that enhanced product stability and protective capabilities.
- Participated in the debugging and optimization process, analyzed system bottlenecks, and proposed improvements, successfully reducing system response time and enhancing security performance.

Shanghai Newtouch Software CO., LTD (CHINA UNIONPAY DATA)   Shanghai, China

Software Engineer   Oct. 2020 - Sept. 2021

- Collaborated within an agile team, participating in daily stand-up meetings and weekly work summaries, responsible for modernizing the legacy assembly language-based banking system using C language.
- Worked with team members to plan development tasks and ensure timely project delivery. Conducted a complete system refactoring with C language to enhance maintainability and efficiency.
- Developed and added new features, including teller card management transaction queries, loss report queries, and card loss registration book queries by start and end dates, enabling greater functionality and automation for the bank.
- Collaborated with the banking business team to understand business requirements, ensuring that the new system's features met user needs and provided a good user experience.
- Conducted testing and verification of the new system, wrote detailed test cases, and ensured system reliability and security under various usage scenarios.

EXTRACURRIVULAR ACTIVTIES

Team leader (Community Management Center), Chinese Students and Scholars Association, Sheffield
Sept. 2023 – Jul. 2024

- Led a team to organize and execute various large-scale events, including the Spring Festival Gala, fostering a sense of community among international students and celebrating cultural diversity.
- Planned and coordinated travel programs for Chinese students in the UK, providing detailed itineraries, budgeting, and logistical arrangements to ensure a safe and enjoyable experience for participants.
- Mentored team members, delegated tasks based on individual strengths and facilitated teamwork to successfully deliver high-quality events on time and within budget.

Representative, The University of Sheffield International College
Sept. 2022 – Jun. 2023

- As a representative, I proactively engage with students and build bridges between them and the administration through effective communication.
- Through my role as a representative, I have developed and refined my leadership and communication skills, while advocating for the needs and concerns of students.

SKILLS AND INTERESTS

Languages: English, Mandarin, Kazakh, Russian

Interests: Traveling, Marathon, Photography, Weights Training, Dragon boat, Guitar, Foodie