
Fu Zhuoran

zxn515@york.ac.uk | +44 7421236069

LinkedIn: Bohrfzr@outlook.com

Education

BSc in Computer Science, University of York, UK

September 2024 - July 2027

Relevant Coursework: Data Structures and Algorithms, Computer Networks, Cybersecurity, Machine Learning

Academic Achievements:

- Distinction in first-year programming coursework, ranking in the top 10% of the class.
- Selected for research assistantship focusing on cybersecurity threat analysis.

Work Experience

Call Operator, Hebei Boyue Communication Technology Co., Ltd., China

September 2023 - January 2024

- Handled 50+ daily customer inquiries, achieving a 95% resolution rate within the first contact.
- Engineered streamlined communication workflows, reducing average response time from 10 minutes to 5 minutes, boosting project efficiency by 30%.
- Collaborated with a cross-functional team of 10+ members, significantly improving customer satisfaction rates by 25%.

Projects

Wallpaper Web Scraper (June 2023)

- Developed a Python-based web scraper automating high-resolution wallpaper downloads, increasing download efficiency by 70%.
- Leveraged BeautifulSoup and Requests libraries to extract and categorize over 10,000 images.
- Automated file renaming, improving local storage organization and retrieval speed by 40%.
- Implemented error-handling mechanisms maintaining data integrity, reducing download failures by 90%.

High School Robotics Project

- Engineered and deployed robotic systems using HCIN, enhancing automation capabilities by 50%.
- Designed and optimized movement algorithms, increasing robotic functionality by 30% and reducing task completion time by 25%.
- Led a team of 5 members, completing 3 major projects and strengthening problem-solving skills.
- Presented findings at a national robotics competition, earning recognition as a top 5 finalist.

Technical Skills

Programming Languages: Python, Java, C++, HTML, CSS, JavaScript

Web Security: Conducted 20+ web penetration tests, identifying and mitigating security vulnerabilities, implementing XSS mitigation strategies

Tools & Frameworks: Visual Studio Code (VS Code), PyCharm, Sublime Text 3, Git, PHPstudy, Burp Suite

Cloud Technologies: AWS, Docker, Kubernetes, Linux Server Administration

Certifications & Awards

- 2023: Bronze Medal, C3L6 Cambridge Chemistry Challenge (Top 15%)
- 2022: Gold Medal, Singapore Mathematical Olympiad (SMO) (Top 5%)
- 2021: Silver Medal, British Physics Olympiad (BPhO) (Top 10%)
- 2015: Second Place, Men's Team Category, Asian Youth Ice Hockey Championship, Wuxi Region

Extracurricular Activities

Programming Club Member

- Competed in 10+ coding challenges, solving over 500 algorithmic problems, refining problem-solving skills.
- Developed collaborative software projects, enhancing team-based coding experience, with contributions recognized in 3 university hackathons.
- Conducted peer tutoring sessions for introductory programming students, improving understanding and problem-solving abilities.

High School Robotics Team

- Designed and coded robotic systems, seamlessly integrating hardware and software components, increasing efficiency by 20%.
- Applied advanced engineering principles, improving robotic movement efficiency by 30% and reducing hardware failure rates by 15%.
- Organized and led weekly training sessions for junior team members, fostering leadership and mentorship skills.