Li Zhixiang

📱 +86 13970422329 | ✉ ek22436@bristol.ac.uk | 🐙 git@github.com:lizhixiang1/lizhixiang.git

Personal Statement

My name is Zhixiang Li and I was born in 2001. I am a graduate student majoring in Computer Science at the University of Bristol. I am committed to learning software engineering, the C programming language, the Java programming language, algorithms, databases, and other related fields. I am mainly seeking positions such as Full Stack Web Developer and Data Engineer.

Education

University of Bristol   *Bristol, United Kingdom*

Master of Computer Science   *09/2022 - Present*

- **Courses:** Introduction to Computer Science, C Programming Language, Overview of Computer Architecture, Overview of Software Engineering, Overview of Software Tools, Object-Oriented Programming using Java.

Shandong University   *Jinan, Shandong*

Bachelor of Civil Engineering   *09/2018 - 06/2022*

- **GPA:** 3.69
- **Courses:** Advanced Mathematics, Linear Algebra, Probability Theory and Mathematical Statistics, etc.

Project Experience

Database Server   *Bristol, UK*

University of Bristol   *03 2023 - 03 2023*

- Developed a database server using Java that allows users to perform basic CRUD (create, read, update, delete) operations and store data permanently in files defined by specific rules, so that the client can execute operations when launched again.
- **Technical skills:** Java, database.
- **Soft skills:** Logical thinking, time management.

Basic Lisp Programming Language Syntax Analyzer and Interpreter   *Bristol, UK*

University of Bristol   *12 2022 - 01 2023*

- Parsed files into a series of tokens based on the syntax rules of the Lisp programming language, performed syntax analysis on the tokens, and output a syntax analysis tree. Then, executed the interpreter based on the syntax analysis tree.
- **Technical skills:** C language.
- **Soft skills:** Logical thinking, time management.

Development of an Automated Software for Designing Steel-Concrete Composite Stairs   *Jinan, China*

Shandong University   *02 2022 - 05 2022*

- Guided users to input the dimensions of the stairwell and designed stairs that meet the required specifications, taking into account various design standards related to stairs in civil engineering.
- Guided users to input material parameters, verified them according to detailed procedures, and output calculation reports.
- Drawn sectional and elevational views of the stair design to provide a visual representation.
- **Technical skills:** Object-oriented Java programming.
- **Soft skills:** Time management, presentation skills, report writing.

Skills

Programming	C, Java, MySQL, Redis, HTML, CSS, JavaScript.
Others	IELTS (7.0), Shell, Git, Github, Spring framework, CET-4, CET-6.
Soft Skills	Time management, Teamwork, Efficient problem solving.

Awards

2021	**Second Prize**, Research Excellence Scholarship	*China*
2021	**Second Prize**, Wangzhou Social Scholarship	*China*
2020	**Third Prize**, Academic Scholarship	*China*
2019	**Third Prize**, Academic Scholarship	*China*

Publications

JOURNAL ARTICLES

Development of Program for Solving Plane Rigid Frame Based on MATLAB
Zhixiang Li
Proceedings of 2021 IEEE 12th International Conference on Mechanical and Intelligent Manufacturing Technologies (May 2021) pp. 64–67. 2021

References available upon request.