

Yanxin Wang

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OBJECTIVE: Seeking a Software Development Engineer Internship to further my knowledge of full-stack software development and to apply my knowledge of Java, HTML, CSS, JavaScript for web application development.

EXPERIENCE:

Cuisine recipe sharing website, SMU, Dallas 05/2023 to 06/2023

- Designed and built a web application for sharing recipe using SpringBoot+SpringMVC+MyBatis.
- Implemented backend services based on SpringBoot to support upload,edit,delete,search and collect of recipe functionality.
- Using MySQL to store the user-generated data such as username, name of recipe, related pics, description, notes, etc.
- Using git to manage version control.

Duoqing Commerce&Trade, Assistant of Engineer 06/2021 to 12/2021

- Participated in developing and testing the APPs and the applets in WeChat .
- Joined in the framework design for the real-time index calculation of advertising.
- Optimized the algorithm of information push towards potential clients.

Campus second-hand goods trade platform, XFU 11/2020 to 06/2021

- Developed a online platform for trading goods between students.
- Main functions include user/admin registration page, post items, buy items, checkout page, etc.
- Using MySQL to store core data such as user/admin name, password, item pic/price/description, etc.

Furenda Environmental Engineering, Operation And Maintenance Engineering 06/2020 to 08/2020

- Analyzed the operational data for the environmental monitoring system .
- Detected the malfunction by machine learning during the operation of system .
- Assisted the Senior Engineers to upgrade the system on technical aspects .

TECHNICAL EXPERTISE:

Programming languages: Proficient in Java, JavaScript, HTML, CSS.

Java: Familiar with Java foundation, understand the common Java collection, Java concurrency and other core API.

Database & Algorithm: Deeply understanding of common data structures (such as Stack, Queue, Heap, Binary Tree,List, etc.) and common algorithms including sorting, greedy, dynamic programming, binary search, etc.

Operating Systems: Familiar with basic OS knowledge such as process, thread, page replacement algorithms

Network: Familiar with Internet protocols such as HTTP, HTTPS, TCP, UDP.

Database: Proficient in using MySQL's statement, isolation levels of transactions and indexes

Development tool: Proficient in using IDEA, VSCode, Git.

OTHER SKILLS: Object Oriented Programming, Software Development Lifecycle.

RELEVANT COURSES: Software Requirements, Software Project Planning and Management, SoftwareArchitecture and Design, Software Testing and Quality Assurance.

EDUCATION:

XFU Xian, China
School of Computer Science
Bachelor of Software Engineering
Grad date: June 2021
GPA 3.45/4.00

Southern Methodist University Dallas, TX
Bobby B. Lyle School of Engineering
Master of Science in Computer Science
Grad date: May 2024
GPA 3.47/4.00