

Xueying Dong

Software Development Professional

Contact Information:

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Objective

Highly motivated and detail-oriented professional with a strong background in computer science and software testing. Seeking a challenging position in the field of software development, where I can leverage my technical skills and contribute to the success of innovative projects.

Education

Master of Data Science (Computer Science and Technology)

University of Malaya, Malaysia
March 2023 - July 2024
Ranked QS70 in Data Science

Work Experience

Software Test Engineer Intern

Shenzhen Dashi Intelligent Co., Ltd., China
September 2022 - December 2022

- Understand the functional requirements of the product and perform functional testing and regression testing for new projects of the company.
- Review requirement documents and conduct requirement analysis (list test points, organize test points).
- Test the interface, front and back end of the project. Conduct testing, if defects are found, prepare defect reports and submit to developers.
- Analyze software quality according to test results for regression testing, and finally prepare test reports.

Information Security Computer Confidentiality Intern

Huber University, China
March 2022 - May 2022

- Conduct comprehensive checks on non-classified computers of university staff, ensuring confidentiality of classified documents.
- Perform random checks on general staff computers to ensure compliance with security protocols.

Project Experience

Student Management System

Project Leader
December 2019 - January 2020

- Utilized knowledge of data structures to develop a simple student management system.
- Implemented essential functionalities such as adding, deleting, modifying, and querying student information.
- Facilitated efficient management of student information in academic institutions, libraries, and laboratories.

Pocket Lab Management System

Project Leader
November 2021 - December 2021

- Designed and developed a user-end and back-end system for managing laboratory equipment.

- User-end functionalities included personal information registration, equipment status announcements, borrowing records, and feedback submission.
- Back-end functionalities allowed administrators to view user information, equipment utilization, remaining quantities, and user feedback.
- Developed the system using Java, MySQL database, and Android platform, ensuring seamless mobile accessibility.
- Conducted thorough testing, including interface testing, login functionality testing, and comprehensive analysis of test results.

Web Front-end Development

Project Leader

May 2019 - June 2019

- Implemented visually appealing and user-friendly web interfaces for an electronics technology company.
- Showcased product images and provided detailed descriptions of product features.
- Implemented purchase-related functionalities, such as customer reviews, returns, and exchanges.

Leadership and Extracurricular Activities

Cloud Teaching Volunteer, Mathematics Teacher

May 2021 - July 2021

- Provided online one-on-one tutoring services to students.
- Assessed students' learning progress and abilities to develop tailored study plans.
- Wrote post-class feedback reports and updated subsequent plans accordingly.
- Communicated with students to understand their needs and collect feedback.
- Assisted students with homework and addressed any learning gaps.

Student Union, Cultural and Arts Department

September 2018 - September 2019

- Created event proposals for cultural and arts performances and managed on-site event setup.
- Liaised with teachers and university leaders, and wrote invitation letters.
- Organized campus-wide events, encouraging student participation.
- Negotiated sponsorship opportunities with external companies.

Skills

Programming Languages: Python, Java, C

Database: MySQL

Web Development: HTML, CSS

Operating Systems: Linux

Software Testing: Functional Testing, Regression Testing, Defect Reporting

Communication: Fluent in English and Chinese