Xin Zhao(Pada)

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Education

University of Liverpool - **Master of Science in Applied Informatics** -   Sep 2022 - Mar 2024

Relevant Course: Research Methods, Data Mining and Big Data Analysis,Software Architecture, Project Management, Interactive Systems, Machine Learning, etc.

Xi'an Jiaotong-Liverpool University - **Bachelor of Science in Information and Computing Science** -   Sep 2017 - Jul 2021

Relevant Courses: Computer Systems, Java Programming, Big Data Analysis, Database Systems, Data Structures, Machine Learning, Operating Systems, Software Engineering, Algorithm Complexity, Advanced Object-Oriented Programming, Introduction to Networks, etc.

Projects

Blockchain Driven Data Trading for AI Training Dataset(Master's Thesis)

- Designed and implemented Ethereum-based smart contracts using Solidity.
- Encrypted and shared AI training data using IPFS.
- Integrated Google Bard large language model as a data judge agent for data validation and dispute arbitration.
- Conducted comprehensive testing plans, including unit testing, integration testing, and user acceptance testing.

Master Admission System   Mar 2023 - May 2023

- Responsible for test strategy planning and test case design, ensuring coverage of all key functionalities.
- Implemented a comprehensive testing plan, including unit testing, integration testing, and system testing, improving testing efficiency through automation tools.
- Automated front-end functionality testing using the Selenium framework, enhancing testing accuracy and repeatability.
- Achieved 95% test coverage, significantly improving system stability and reliability.

Work Experience

Teaching Assistant - Xi'an Jiaotong-Liverpool University   Feb 2023- May 2023

- Assisted the professor with coding lessons in e-commerce technology, guiding students in PHP-related coursework.
- Provided timely feedback to help students improve their coding skills and teamwork abilities.
- Manually graded students' final projects by performing functional tests based on course documentation.

Project Manager Assistant - Dejax   Sep 2021 - Oct 2021

- Assisted the project manager in project management, including project planning, progress tracking, and risk control.
- Responsible for organizing and writing project documents, including meeting minutes.
- Coordinated work among project team members, resolved issues during the project, tracked and monitored project progress, and reported to the project manager in a timely manner.
- Successfully assisted in managing three sub-projects, ensuring 100% on-time delivery.

Data Annotation Intern - CloudMinds   Jul 2020 - Sep 2020

- Participated in the visual recognition algorithm data training for the company's cloud vending machine project, helping algorithm engineers obtain high-quality annotated training data.
- Recorded and reported bug image data to optimize algorithm performance.
- Assisted testing engineers in algorithm result testing, providing timely feedback to improve testing efficiency.
- Improved the quality of annotated data and increased team efficiency.

Skills and Self-Evaluation

Programming Skills : Proficient in Java and Python. Familiar with the basic principles and methods of software testing. Knowledgeable in SQL and basic database operations. Familiar with Windows operating systems.

Language Skills : Proficient in English communication (Undergraduate and Master's programs were taught in English)

Self-Evaluation :Passionate about programming and enjoys tackling technical challenges. Possesses strong teamwork and communication skills. Detail-oriented in projects, constantly learning and improving skills.