

## **Zhe Wang (Joy)**

### **Personal Info**

**Date of birth:**1988.1

**Edu.:** Master

**Marital Status:** Married

**Email:**[wangzheshuyer@yeah.net](mailto:wangzheshuyer@yeah.net) Education

**Gender:** Female

**Tel:**[18309277689](tel:18309277689)

### **Education**

2012.09 - 2014.12 Xidian University Electronic and Information Engineering Master

2007.09 – 2011.06 Yanshan University Electronic and Information Engineering Bachelor

### **Job Expectations**

I have strong data sensitivity, strong logical thinking ability and experience in ToB customer data analysis. I want to seek more challenging ToC user self -portrait analysis, tap potential value, make targeted strategies for products and operations, and make more accurate marketing for customers. Have an innovative mind. Two projects are completely developed by yourself. Later, lead the team to develop, saving time and manpower for the two major departments of the company.

### **Experience**

#### **■ 2021.06-now Ziguang zhanrui Co., Ltd Senior Business Analyst**

1. Responsible for the architecture design of big data platform for each module of mobile phone
2. Responsible for the communication and analysis of the requirements of each module, quickly grasp the requirements of each business, connect with different business departments, analyze and implement the requirements of the whole business process, connect with the front-end implementation, back-end big data development, table structure design, interface design and development, and prototype diagram design;
3. Big data development, big data analysis, team management, task distribution, acceptance and delivery

#### **■ 2015.01-2021.04 Samsung R&D institute Senior AI Data Analyst**

Independently develop the whole data preprocessing system: ML data analysis, data visualization, feature engineering, data exploration, data cleaning, feature selection, feature construction, data generation, model training and evaluation, and demonstrate the development results to the director, and promote the use in the Research Institute, and get unanimous praise.

Independently develop database testing framework, system testing, function testing, performance testing, stress testing, automatic testing, analyze early requirements, design test cases, write test reports, track project progress, control test cycle and coordinate resources.

### **Project Experience:**

Nov.2019 to Apr.2021: Develop AI data preprocessing system

➤ Develop feature engineering, data generation, classification model evaluation system.

Through data exploration, mining effective information and cleaning redundant data, filling missing data  
Through genetic algorithm construct new feature, the accuracy of model prediction is improved.

Different smote up sampling methods are used to fit unbalanced classification data, and the accuracy of model is improved from 60% to 80%. This system has been used in the analysis of millions of data.

Sep. 2019 to Dec.2019: Develop MySQL test framework

➤ Independently develop a MySQL testing framework, which is suitable for various databases, such as percona, tidb, etc, This framework can run the required cases according to the requirements, and finally automatically generate excel test report and test situation analysis statistical chart.

Jan. 2019 to Dec. 2019: Mysql database test

➤ Based on the Linux system test environment construction, design test cases, for myrocks, tidb, rocksdb, kvrocks and other databases, use a variety of benchmark tools, TPC-C, TPC-H, DB bench for performance test, data consistency test, use MySQL test for function test, compatibility test, and write related test scripts to generate test reports;

Data consistency testing to verify the data status based on TPCC consistency condition.

Jan.2015 to Dec.2018: I/O storage based on machine learning

➤ Manual and automation testing by Selenium tool. Research and apply code coverage tool (coverage.py and JScover) to all testing projects so that improving testing coverage and decreasing test leak.

## **Skills**

➤ Familiar with Data analysis, data visualization, data exploration, data cleaning, feature selection, feature extraction, feature construction, data visualization, data generation, model training and evaluation;

➤ Familiarwithscikitlearnmachinelearningframework,supervisedlearning and unsupervised learning, and machine learning classification algorithm;

➤ Familiar with Python machine learning development;

➤ Familiar with pandas, numpy, Matplotlib, Seaborn, SMOTE;

➤ Mastering with hadoop, hive, kudu, impala, cboard, xxl-job;

➤ Experience with NVMe/SAS/SATA SSD memory product specification and some solution testing;

➤ Skilled with KVRocks, RocksDB, TiDB and some Benchmark tools, TPCC/TPCH/FIO/DB\_bench/sysbench etc.

➤ FamiliarwithMySQLdatabasetestframeworkmysql-test;

➤ Skilled with Selenium, RobotFramework, LoadRunner automation testing

toos;Linux operating system , SQL statements, C++;

➤ Have quite abundant project application with code coverage tools

Pycoverage, JScover;

➤ ExperiencewithSVN, GitcodemanagementtoolsandAgiledevelopment process; Self-Assessment

➤ Like to research and explore new technology and new fields, strong learning ability.

➤ Work actively, conscientiously and responsibly, finish every task on time.

➤ Clear thinking, strong team spirit and communication ability, strong pressure resistance.

➤ Both excellent graduates for bachelor and Master.

➤ Hobbies: running, reading, yoga, taking part in the City Wall Marathon, Financial management