WENXUAN XIE

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EXPERIENCE

MAY 2019 - SEP 2019

BACK-END DEVELOPMENT ENGINEER

XI'AN WIND INTERACTION CO., LTD

I work in a team of five to develop a small scale web product , and I am mainly responsible for back-end development and web interface writing.
This web application was built in the Django framework and back-end was wrote in python language.
The client of the web application was the hospital. The web application was mainly used for doctors in different groups (outpatient departments) to view, change, add, and delete patient data information.
A doctor can update the patient's data, and the changed patient data will be retained and shared in the form of a table after the review of the relevant hospital managers.

APR 2020 - APR 2021

TEST AUTOMATION ENGINEER

IFLYTEK CO.,LTD

Iflytek company had developed an intelligent product applied to cars, which can recognize human voice and convert it into text.
The main duty of my position was to write programs to test the performance of the product automatically.
the following are the primary content:
1. Writing python script to generate the expected test cases , which are thousands of sentences.
2. Collecting the outcomes after testing these test cases.
3. Picking up the words from the sentences that are not correctly recognized by the system and using graph data structures to store these words.
4. Set a path between two words if they appear together in any one sentence.
5. Set a weight for each path.
6. Develop an appropriate algorithm to select words from above graph ans use them to make sentences.
7. Retest and report the final results.

EDUCATION

06 -2020

BACHELOR OF COMPUTER SCIENCE AND TECHNOLOGY

XI'AN JIAOTONG UNIVERSITY

major courses are: data structure and algorithm, computer network principle. Computer organization, The principle of operating system, Database system , Software Engineer.

04 - 2024

MASTER OF SOFTWARE ENGINEERING

THE UNIVERSITY OF MELBOURNE

the courses have been taken at present are software engineering project, security and software testing, software process and management, AI planning for Autonomy.

SKILLS

- Proficient in Python, Java and C++programming languages
- Develop web applications
- Using Javascript, CSS, JS to develop web pages
- Master the knowledge of database and network principle
- Using neural network to perform data analysis and data classification.

- Test Management Tools
- Team Collaboration
- Reading Technical Drawings

SUMMARY

Accurate Developer with talents SEO, creative design and project management. Fluency in python and Java. Familiarity with various programming languages and troubleshooting to identify glitches. Talented Software Developer equipped with great coding, debugging and project management abilities. Accomplishes project goals consistently with elegant, scalable code. Works great with team members under Agile and Scrum frameworks. A very responsible person who can always complete tasks on time and give qualified work results and willing to help colleagues when their work results fail to meet the expected standards. A fast learner who always try to find a better way to improve the program running efficiency by reducing overhead.