

Xinzhuo Li

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Profile

Very innovative, postgraduate students from Lancaster University, in Computer Science. Eager to make a difference, to learn new skills about IT and Computing. Passionate, enthusiastic, committed, have great attention to detail, excellent verbal and written communication. Finished my studies with a first class. Future aim is to be an automation testing engineer who leads and manages technical teams in Fujitsu.

Education

2018 to 2022: Lancaster University School of Computing & Communications

BSc (Hons) Computer Science (2nd Class Honors)

Relevant modules in my degree 2018-2022: Discrete Mathematic, Software Development, Software Design, Digital System, Computer Network, Operating System, Human-Computer Interaction, Advanced Programming and Group Project.

Qualifications

- CMA Grade 9 Sachs Exam – Distinction (2015)
- CISCO CCNA Discovery 1 – 95.25% (2018)
- CISCO CCNA Discovery 2 – 96.75% (2019)
- IELTS English Language – 7.5 (2021)
- APS TestAS – 2.5 (2022)

Work Experience

March 2021 to January 2022, Robot developing engineer, **Shenzhen Institute of Artificial Intelligence and Robotics for Society**

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- Responsible for designing, implementing a commercial mobile robot.
 - Building the robot controlling system using STM32 as slave computer and an Ubuntu 18.04 LTS operating system which is installed with ROS as master computer.
 - Responsible for testing the functionality and robustness the mobile robot's hardware and software.
 - Evaluating several open-source navigation algorithms such as Cartographer, Slam-toolbox, and AMCL to get the testing criteria.
 - Testing our own designed location and navigation algorithm using motion capture system's data as ground truth.
 - Testing the mobile robot outdoor to ensure it can remain its performance under terrible weather.
 - During my internship at the institute, my knowledge about hardware and software has been

significantly improved which is the necessary premise to be a test engineer. Moreover, I accumulated many testing techniques to generate an effective evaluation for a product.

January 2022 to February 2022, Automation test engineer, Toyota Motor Corporation

- Implementing various designs for test cases and preparing the documentation of test strategy.
- According to business needs and acceptance criteria to test the cars' braking, acceleration, and handling
- Listening for any unusual noises that made by cars to detect a problem with the vehicle
- Checking for proper operation of the wipers, power seats and windows and other components of the vehicle.
- The position has enabled me to know detailed information of what the automation test engineer's job exactly contains which is extremely helpful for me to qualify for this job.

Personal Skills

▪ Languages:

Chinese(native), English (fluent), Japanese (fluent), French (basic), Russian (basic)

▪ IT skills:

Extraordinary knowledge of programming languages like C, C++, Java, Python, JSP, SQL. Deep understanding of Software Design and Artificial Intelligence.

▪ Testing skills:

Ample experience about test results checking and reporting as well as test incident logging and support. Good at designing test cases and concluding the testing results in documentation.

▪ Teamworking skills:

Being the team leader of software project in university, arrange the work for all team members properly to ensure we could finish a high-quality product in time. When there is confliction between team members, I can resolve the problem by taking reasonable conversation with them.

▪ Passionate, enthusiastic and committed

I am always eager to learn more knowledge about computer science and mechanics. I took a lot of additional courses in university by myself to extend width of knowledge. I was also responsible for the job during my work in previous companies because I am committed to achieve the best results no matter under what situation.

▪ Have great attention to detail, excellent verbal and written communication

I can fluently use various languages such as Chinese, English and Japanese to communicate with clients or coworkers. My IELTS score is 7.5 and JLPT level is N2 which all proved my language ability. Moreover, I read a large amount of essay in university which strongly enhanced my written communication capability. In addition, I was very careful and patient during conversation to show my respect to other people.

Personal Achievement and Awards

- IT Assistant at the 'Information Center' at Beijing Jiaotong University (2018, 2019)
 - Oracle9i SQL – OCA (2020)
 - ACM ICPC – Bronze Award (2021)
 - METS – METS-4 (2022)
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