# ROBOTICS TEST ENGINEER

## THE COMPANY

August Robotics is an **international company** which builds application-specific robots to automate workflows for businesses. We believe in the potential for **humans and robots to collaborate and co-operate**, and we aspire to be at the forefront of the coming "robotics revolution".

August Robotics recently **released its first robot**, an application-specific robot for the global trade show industry. The company will soon begin work on its next wave of **revolutionary robots** and is growing its team accordingly.

## THE ROLE

As a **Robotics Test Engineer**, you will be a critical member of the August Robotics technical team in Shenzhen and you will be in charge of the company's **robot testing and quality control** function.

Your primary responsibility will be to **conceptualize, define and design** the test cases and testing procedures required to ensure that all of the company's robots and ALL of their constituent robotic components are not commercially released until they have been proven to be:

- 100% reliable and robust
- Able to handle all conditions and environments that may be encountered during commercial operation
- Capable of self-correcting and recovering from errors
- Able to withstand transportation stresses

To facilitate the implementation of these robot tests, you will code (in Python) automatic testing routines and **create test components and scenarios** accordingly. You will personally manage the **implementation of all tests** in your testing plan and you will carefully observe the performance of the robot according to your stated test case criteria. You will also be responsible for **writing detailed test reports**, including photos and videos, and for following up with your colleagues to ensure that all issues identified in testing are rectified and proven to be resolved in future testing.

You will also work closely with your colleagues to manage the process of acquired the appropriate **international export certifications** (eg. CE, UL, etc...) for our products, and to manage safety considerations across the business.

The role will be based in August Robotics' office in **Shenzhen**.

## YOUR SKILLS

You **must** show:

- University degree in **Control, Robotic Engineering, Mechatronics, Automation** or a related discipline
- Your University degree should be from a top-tier university in China (MUST be a 985 university, ideally a C9 university) or from an overseas university
- At least **3 years** of relevant experience as a **test engineer or a quality control engineer**
- Strong communication skills and teamwork capabilities
- **Strong programming skills** in Python (and its associated libraries)
- Excellent **processes management skills**, and an ability to actively manage your own time and the time of others for **maximum productivity**
- Native level fluency in **Mandarin Chinese** (spoken English is NOT required for this role)

In addition to the above requirements, ALL of which you must demonstrate to be considered for this role, the following skills are helpful but not required:

- **Practical experience testing robotic systems** and/or robotic components for products that were ultimately commercially released
- Understanding of **control engineering** principles and concepts, with relevant practical experience
- Familiarity with electrical engineering principles
- Previous experience with **CE, UL or similar certification processes** required to export technical products
- Familiarity with the **Robotic Operating System (ROS)**
- **Written English skills**

You should be **comfortable with ambiguity** and excited by the idea of working in an entrepreneurial culture. You should be **open to new experiences**, open to learning new things, and willing to jump in and lend a hand on a range of different issues and task when the need arises.

## HOW TO APPLY

An attractive remuneration package will be available to qualified candidates. To apply, please send your CV and cover letter to tech.recruiting@augustrobotics.com.

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