

## SENIOR ROBOTICS ENGINEER

### THE COMPANY

August Robotics is an international company which builds **application-specific robots** to automate workflows for businesses. The company's R&D function is based in Shenzhen (China), and the company also has commercial and sales offices in Hong Kong, Germany and USA.

August Robotics believes 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 is a **world-leading robotics company** in many ways. Unlike other companies, we genuinely do all the R&D for our robots ourselves, from product conceptualisation right through to manufacturing and commercialisation. And **we build our robots quickly**. Our first robot, Lionel (an application-specific robot for the exhibition industry) was already commercialised and **earning substantial revenue** in Europe and the USA less than 2 years after we wrote the first line of code.

August Robotics has begun work on its next wave of **revolutionary robots** and is growing its team accordingly.

### THE ROLE

You will lead August Robotics' **control and system integration team**, which manages matters of robotic motion control, sensor fusion and embedded systems across our portfolio of robotics R&D projects.

You will be expected to lead your team by example, getting deep into **the technical aspects of robotics R&D** development, helping your team members debug code and solve technical issues. Furthermore, you will also be expected to **"get your hands dirty"** by designing systems, coding motion controllers and integrating new sensors. Once this work is complete, you will be expected to manage a thorough testing regime to ensure optimal reliability, consistency & robustness.

August Robotics is currently working on three robotic products – one for the exhibition industry, one for the cleaning services industry and one for the public works industry. **You will work across all three projects**, using your expertise, creativity and robotics skills to help the project teams and optimise the performance of all three robots.

Your role will be based in August Robotics' Robot R&D centre in **Shenzhen**.

### YOUR SKILLS

You **must** have:

- University degree in **Control, Automation, Systems Integration, Mechatronics, Robotics Engineering** 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 a **top-tier university** in Hong Kong or overseas
- Expert level experience and familiarity with the **Robotic Operating System (ROS)**, with recent experience that includes coding & developing robotics products, drivers and/or controllers in ROS
- Minimum **4-5 years full-time work experience**, including recent experience in which you led a team to design, build and develop a robotics project from start to finish
- Strong programming skills in **Python or C/C++** (and its associated libraries)
- Ability to foresee potential issues before they emerge and take proactive action to avoid them
- Strong ability to proactively **organise, prioritise and structure** the tasks of yourself and your colleagues

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:

- Experience with mobile robotics **obstacle avoidance** systems (LiDAR, sonar, sensor fusion, etc...)
- Familiarity with **embedded systems** (eg. Arduino)
- Experience with robotic components that autonomously pump and dispense liquid (eg. paint, ink or plastic)
- Familiarity with Linux (especially Ubuntu)

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](mailto:tech.recruiting@augustrobotics.com).