

SENIOR MECHANICAL 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

Our mechanical engineering team includes a number of extremely capable young mechanical engineers, who have experience across **mechatronics, product design and robotics** hardware engineering. As Senior Mechanical Engineer, you will **lead this outstanding team**, and together with your team you will be expected to design, develop, test and modify off-the-shelf hardware components to be used in the company's robots. You will take ownership of sprints, manage deadlines and deliverables, and keep up to date on new technologies.

You will also be expected to "get your hands dirty" by helping to **assemble and test the company's prototype robots** and by putting in place effective arrangements for manufacturing once robot designs are finalised. August Robotics is currently working on three robotic products – one for the exhibition industry, one for the entertainment industry and one for the public works industry. **You will work across all three projects**, using your expertise and creativity to help the project teams, and using your mechanical skills to design and modify components for each of the three robot projects.

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

YOUR SKILLS

You **must** have:

- **Expert-level mechanical design skills** in Solidworks, SolidEdge or a similar software package
- A strong and infectious enthusiasm for technology and automation, an **ability to think creatively** to solve technical problems
- University degree in **Automation, Mechanical Engineering, Electrical Engineering, 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
- **Strong networks with factories** and other technical service providers (eg. CNC machining & sheet metal providers, factories that customise robotic components)
- Minimum **5-8 years full-time work experience**, including recent experience in which you led a team to design, build and develop the mechanical engineering component of a project **from start to finish**
- Experience designing a mechanical architecture and product design to meet commercial requirements
- 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 you 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 customised automation projects in a University or commercial context
- Experience with using electronic equipment to spray, stamp or otherwise dispense paint and/or other liquids in a controlled and accurate manner
- Familiarity with the road-marking or interior decorating industries and the equipment used in those industries
- Experience with using UV-C light for disinfection
- Some limited experience coding in Python and/or ROS

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.