

MECHATRONICS 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

As a **Mechatronics Engineer**, you will be a member of the August Robotics technical team. Your **primary responsibilities** will be to:

- Work with the technical team to **conceptualize, define, design, build, and test** the architectural layout, new parts and assemblies for the robot prototypes
- Create concept drawings using 3D CAD models and search out materials, components and systems for the robot prototype
- Develop the robot prototypes by **fabricating design iterations** and **integrating off the shelf technology / electro-mechanical parts** using a variety of tools
- Collaborate with the technical team to design and run experiments to test concepts and prototypes
- **Upgrade** prototypes and **debug** electro-mechanical interfaces

You will take ownership of sprints, manage deadlines and deliverables, and come up with **creative design solutions** to problems that arise. The role will be based in August Robotics' office in **Shenzhen, China**.

YOUR SKILLS

You must show:

- Degree from a **top-tier University** in China (must be a 985 university, ideally a C9 university) or overseas in Mechatronics or Mechanical, Electrical or Control Engineering, or a related discipline
- Expert **level** in **SolidWorks/ SolidEdge** (or equivalent designing tools)
- An ability to work with machine tools, electronic circuits and boards, motors and wheels
- Familiar with **integration of hardware, software and mechatronics components**
- Able to use mechanical tools, 3D printers, laser cutters and other tools, assist to complete the conceptual designs of component and prototypes more effectively
- Native level fluency in **Mandarin Chinese** (spoken English is NOT required for this role)

Helpful not required:

- Familiar with the general functions and limitations of sensors commonly used in the development of consumer electronics and/or robotics products
- Proficiency in using AutoCAD, Keyshot, Photoshop or other similar tools
- An understanding of robot kinematics and dynamics, wireless communication, circuit boards (Arduino, etc.)
- An understanding of the whole project and each module with good sense of overall project process/management

You should have at least **3 years' work experience** as a mechatronics engineer or product design engineer and at least one mechatronics project experience from start to end.

You should be **comfortable with ambiguity** and excited by the idea of working in an entrepreneurial culture. You should be happy to learn new things and be **open to new experiences**.

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.