

MECHANICAL AND DESIGN ENGINEER

THE COMPANY

August Robotics is a start-up company which builds **bespoke robotic solutions** to augment and **enhance the day-to-day lives** of ordinary people and businesses.

We believe that over the next generation, **specialised robots** will become ubiquitous in people's day-to-day lives, and August Robotics aspires to be at **the forefront of this "robotics revolution"**.

August Robotics recently completed a **US\$3.7m** fund-raising round from a collection of **international venture capital** firms and is now **growing its team** aggressively.

THE ROLE

As a **Mechanical and Design Engineer**, you will take a lead role within August Robotics' technical team in Shenzhen and be responsible for the **product design** and detailed **mechanical modelling** of the company's robotic products.

You will **conceptualize, define and design** the internal and external architectural layout of the robotic prototypes:

- You will be responsible for ensuring that the external appearance of the robots is **sleek, modern and professional**, leaving clients with a positive impression
- You will work with your team to create a **detailed internal model** of each robot in SolidWorks / SolidEdge, modelling each and every component as well as the interactions between the components

You will **search out the optimal materials, components and systems** for each robotic prototype and develop robot prototypes by fabricating design iterations and integrating **off-the-shelf components** and technologies.

You will adopt an agile approach to hardware development, **relentlessly testing, iterating and re-testing your designs** enabling extremely rapid prototyping and development of your designs. You will always be on the look-out for new tools and techniques (eg. 3D printing) to **speed up the prototyping and design process**.

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 from an overseas university in Mechanical Engineering, Civil Engineering, Industrial Design or a related discipline
- **Strong proficiency in Solidworks / SolidEdge** or an equivalent design tool
- Strong **product design** capabilities, and demonstrated track record of designing technical products that look sleek and modern and are easy for customers to use
- An ability to **foresee potential issues** and to **creatively problem solve** to resolve issues in your designs
- An ability to work with machine tools, 3D printers, laser cutters and other tools to assist in the **rapid prototyping** of components and design concepts
- Actual, **practical experience** designing and implementing one or more consumer products that were successfully manufactured and released
- Native level fluency in **Mandarin Chinese** (spoken English is NOT required for this role)

In addition to the above requirements, which you must demonstrate, the following skills are helpful but not required:

- Familiarity with the general functionality and constraints of the various types of **sensors** typically used in developing consumer electronics and/or robots
- Proficiency in **Keyshot, Photoshop** or other similar rendering tools

It is essential that you have **at least 2 years of work experience** as a mechanical engineer or product designer. You should be comfortable with ambiguity and excited by the idea of working in an **entrepreneurial culture**. You should be open to learning new things, and willing to jump in and lend a hand on a range of different issues 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.