

PYTHON SOFTWARE 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.

We believe that over the next generation, **bespoke robotic assistants** 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 was founded in Australia by Alex Wyatt, and now has presences in **China** (Hong Kong and Shenzhen) and **Australia** (Melbourne).

THE ROLE

As a Python Software Engineer, you will be a member of **August Robotics' founding technical team** in Shenzhen. The role is a rare opportunity for **technical candidates** looking to "get in at the ground floor" of a robotics start-up with **extremely ambitious goals** for the future.

The Software Engineer will participate in the **full development life-cycle** (from definition and design to product delivery). The Software Engineer will be responsible for **using Python to code and develop** the company's robotic prototypes and products, and will work on **every level of the stack** (frontend to backend), from **start-to-finish**.

The Software Engineer will also be responsible for the **testing, upgrading and maintenance** of the chosen products, and helping to bring them to market by assisting the company to **pick the optimal suppliers**, choose the relevant components and help in the manufacturing of the prototypes.

The Software Engineer will be expected to work in an agile environment, take ownership of features or projects and keep up to date on new technologies. The Software Engineer should be **an expert at coding in Python**, and should be willing and able to train other members of the team in how to best use Python and its associated libraries.

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 Computer Science, Software Engineering, Computer Programming or a related discipline
- Expert level **programming skills** in **Python (and its associated libraries)** with recent work experience that includes coding & developing software products
- Experience with programming environments and operating systems such as **Linux / Ubuntu / Unix**
- Native level fluency in **Mandarin Chinese** (spoken English is NOT required for this role)

The main focus for this role is your **Python coding skills** - the following skills are helpful but not required:

- Familiarity with robotics development environments and aspects such as **indoor localisation** technologies (eg. LIDAR, VSLAM)
- Familiarity with **ROS (Robot Operating System)**
- An ability to code in C, C++, Java, Javascript or Perl
- Experience developing **graphical user interfaces** using QT or related GUI tools and/or environments
- Some knowledge on servers, databases, computer vision and network security
- Familiarity with circuit boards (eg. Arduino) and/or general **electrical or mechanical engineering** concepts

While not necessary, you may have **1-2 years work experience** as a **software engineer or developer**. For fresh graduates, you must have **written or developed advanced code** (ideally in Python) in the past 12-18 months as part of your university project, internship or personal project.

You should be **comfortable with ambiguity** and excited by the idea of working in an entrepreneurial culture. You should be 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.