



Back End Developer (FullTime)

Company Info:

R2C2 is a Hong Kong robotic company that focuses on outdoor robot remote control and automation management. R2C2 creates a series of hardware and software platforms to support various robots and task-specific software packages.

R2C2 is the first and only Boston Dynamics SPOT developer in Hong Kong. Our customers include CEDD (Civil Engineering and Development Department), University and property developers. Our product and solutions are definitely cutting edge in the industry. We are excited to recruit new engineers such as you to join us.

Job Brief:

As a Back End Developer, you will be working closely on our JetPack web system (i.e: robot control and management system) for robots. Develop software to handle the processing and analysis of data from various sensors. Develop functions and features for a real-time, interactive robot management platform. Develop a web application that enables multi-robot operations. Develop a secure backend system to handle robot management. Your efforts support the automation of the predictive decision-making efforts of the robot. You will be working on exciting development projects such as Boston Dynamics SPOT and our rover.

Responsibilities

- Design architecture for backend system
- Integrate various algorithms and modules into existing software
- Responsible for the technical scheme design, model design, and product function
- Outline the project timeline and deliverables with our engineers to best fit your skills and interest.
- Development backend applications for robots (multi-user login, multi-robot management, interactive robot control, sensor readings dashboard, etc)

Skills

- Software programming language and framework (Python, React, Javascript, Docker, Kubernetes, Openshift, etc)
- Linux Environment
- NodeJS (javascript)
- MongoDB
- Cloud (AWS/Azure/Google Cloud)
- Basic Networking concept
- Knowledge of version control (GitHub, GitLab)
- Responsible and self-learning ability

Nice to have (will be a plus):

- Robotics experience
- ROS development experience
- jQuery, HTML, CSS, Restful API

Requirements

- Bachelor Degree or above in Computer Science, Engineering, STEM

Type of Employment: Full-Time, Permanent

- We love Fresh Grad
- Salary range: HKD 1,8000 - HKD 40,000

Apply to: careers@r2c2.ai

If there are any questions, feel free to email to: san.wong@r2c2.ai

Or Whatsapp to 6423 2543 (San Wong)