

## Position Overview: Software Engineer - Robotics Related

### **Summary:**

Searching for a software engineer who has prior experience delivering results in a fast paced environment. You will work with a small, highly motivated team and must be able to contribute to the company's unique culture, engage in energetic exchanges on approach and design, and develop feature functionality quickly and elegantly.

### **About you:**

You are witty, experienced, and can deliver. Other people come to you to ask the difficult questions and fix the hard problems. You can work independently but like being challenged by and working with other bright engineers. You may have been through an early stage startup before and you must like working with a small team. You are passionate about technology and think fun work isn't an oxymoron.

### **Responsibilities:**

You'll have an active voice on big decisions and work closely with other engineering teams and the co-founders. We need functionality and we need it done well. We'll rely on your experience and skills to deliver, and you'll own the result.

The responsibilities of this position include:

- Implement leading edge approaches to the development of mobile robot motion planning
- Author, test, debug and maintain reliable, production quality source code
- Demonstrate your solutions in real-world pilots

### **Qualifications:**

- 10+ years of experience in developing algorithms preferably for navigation, control and motion planning of mobile robots
- Working knowledge of optimization methods and controls
- Experience programming in C++ on Linux platforms
- Self-motivated and able to achieve development goals with minimal supervision
- Commitment to rigorous testing & validation practices (we write lots of unit tests)
- Strong organizational and planning skills
- Desire to work in a fast-paced environment
- Bonus: Experience with Robot Operating System (ROS). Knowledge of JavaScript and Python

### **Education:**

Bachelors of Science (minimum) or Masters of Science (preferred) in Computer Science (or similar field)

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