

Robotics Engineer – Software

Provectus Robotics Solutions is looking for a skilled and motivated robotics engineer to join its ARIS control software team. The successful applicant will be required to work on all aspects of PRS' proprietary robotics control system, with a focus placed on algorithm implementation and development for perception, control, and planning.

The applicant should have knowledge of robotic ground vehicle systems and sensors, have experience researching, implementing and developing new algorithms for robotic control systems and machine learning applications, have experience developing software applications in C++, and be comfortable contributing to a small team.

Requirements

- Bachelor's Degree (Master's or PhD preferable) in Computer Science, Engineering or a Robotics related field
- 3+ years of experience developing robotics related software in C++
- Experience developing at least one of SLAM, motion planning, robotic control, computer vision, multi-sensor fusion, or 3D mapping algorithms
- Strong foundation in data structures, algorithms, object oriented design principles, design patterns
- Experience with various sensor types (Lidar, IMU, GPS, Camera ...) and knowledge of their use in autonomous systems
- Be a creative, strategic and critical thinker with attention to detail
- Enthusiastic about robotic technology and its applications

Extras

- Industry research and development experience
- Experience with real-time or multi-threaded software applications in Linux
- Experience working in a small team or start-up environment

How To Apply

Send us your resume and a brief cover letter explaining your interest in unmanned ground vehicle systems.

careers@provectus-robotics.com

About Us

Provectus Robotics Solutions (PRS) are industry leaders in advanced robotic system design, integration and control. Located in Ottawa, ON, Canada, PRS delivers robotic control software and services to the aerospace, agricultural, industrial, mining, military and security industries. Since 2010, PRS has participated in design and development activities on many different robotic platforms, while delivering systems to customers world-wide. Our experience and mature technology base is why PRS is the preferred development partner for robotic system integrators all over the world.