

ROBOTICS SOFTWARE ENGINEER

Job Type Full-Time, Permanent

Educational Requirements BSc or MSc in Computer Engineering/Science or related engineering discipline

Main Duties

- Work with a robotics software team including software engineers, motion control engineers, computer vision engineers, and test engineers
- Maintain and improve robotics system software
- Define requirements and specifications of software modules
- Define test and validation plans for robotics system software and modules
- Develop highly reliable and available software systems

Qualifications

- 3+ years of working experience in production level software development with following skills:
 - C/C++, C#, Python, WPF, Blend
 - Icon and graphics design
 - Experiences in multi-threading programming with C++ or C#
 - Microsoft Visual studio, .NET, SQL Server, XML, JSON, UML and other tools
 - Project Planning and Source Code Management: Gitlab platform and agile (scrum) development process
 - Networking: TCP/IP, HTTP
- Experience with commercial software development processes: good software hygiene regarding code documentation, unit testing, bug tracking, and version control to meet rigorous functional and safety-critical requirements
- Developed and delivered complete software products that meet rigorous functional and safety-critical requirements

Preferred Skills

- Experience with user interface software tools and libraries
- Experience with Robot Programming Language for industrial robots
- Experience with industrial camera system
- A broad knowledge of robotic system such as, but not limited to, motor control, robotic models, path planning, and computer vision

Qualified and interested individuals please submit your resumes to HR@maplerobotics.com with the words **Robotics Software Engineer** typed in the subject line. No phone calls. Thank you in advance for your interest in pursuing a career with MARI.