



## C++ Developer – Robotics Division

### ABOUT CAMOTION

CAMotion is a premier manufacturer of innovative motion control and automation equipment for industry. Our products include industrial material handling robots and systems, and advanced motion technologies for industrial cranes.

### JOB OVERVIEW

CAMotion's robotics division develops general purpose and specific purpose robots for industrial applications. These products are used for material handling, machine tending, and custom automation projects. The systems use advanced motion control and various sensor inputs to reduce the cost of the machine.

CAMotion is looking for a software engineer for the development of robotic control systems in the Linux and Windows environments. The position shall be based out of CAMotion's headquarters in Atlanta, Georgia.

### JOB DUTIES

- Determine product requirements for new developments from customer feedback, sales information, and marketing research;
- Develop applications using C/C++ and the Linux OS; maintain a consistent style that can be maintained by other developers;
- Perform rapid prototyping of design concepts for the evaluation of new ideas;
- Develop a system design that is robust and extensible; communicate design concepts to other developers, engineers, and management; incorporate feedback from design reviews;
- Develop applications incorporating a variety of technologies including TCP/IP socket communications, database access, Python, SWIG, and real-time programming;
- Develop a test plan for products and execute that plan to achieve high quality products; use test-driven development and automated tests where appropriate;
- Maintain current code base using a programming style consistent with the existing system; evaluate when existing code needs to be refactored or replaced;
- Work in an agile, small team programming environment; work with team members to deliver a high quality product within a defined development schedule; assist other team members to reach the development milestones;
- Work with customers to support software applications including travel of up to 25%;

## REQUIREMENTS

- BS/MS in computer science or engineering from a major accredited university;
- 3 years C++ development experience in Linux and Windows;
- Must be able to demonstrate strong written and verbal communication skills;
- Previous experience with Fedora and/or Ubuntu Linux distributions;
- Previous experience with SQL and a major RDBMS;
- Previous experience with real-time programming;
- Previous experience with TCP/IP communication programming;
- Must have a working knowledge of C# and Python programming;
- Strong knowledge of software design principles and life cycle management;
- Previous experience with agile development methodologies;
- Previous experience with industrial automation;
- Ability to constructively review other team members' work and work in a fast paced, team environment;

CAMotion offers a competitive salary and benefits. No relocation assistance will be provided for this position. If hired, must be able to prove legal right to work in the US.

If interested and qualified, please submit a PDF of your resume to [hr.pos710@camotion.com](mailto:hr.pos710@camotion.com). Submitted files must subscribe to the following name convention: "POS710\_FIRSTNAME\_LASTNAME\_RESUME.pdf" with subject line "Position 710". Do not use any other methods to apply for this position. No recruiters please.