



## Software Test Engineer

### Company Overview

Polaris Motion is an advanced technology company founded in 1994. We have clients all over the world and our headquarters is in Victoria B.C. This is where we conduct our research, product development, marketing, sales, final test and assembly.

Our market areas are ultra-precision optics and ultra-fast laser manufacturing. We develop unique, advanced manufacturing technologies that put us ahead of our competition. It is due to the talented staff of engineers, scientists and computer scientists that we're able to beat out our competitors for success in many high-end machine design-ins.

Our company values include commitment, integrity, truth, and respect **(CITR)**. We promote a culture that is innovative, creative, and competitive; one that fosters a climate of high team spirit, fun and accomplishment; and one that promotes personal growth and development. We strive to empower our employees to achieve their full potential.

We look forward to receiving your application. Please send your resume to [careers@pmdi.com](mailto:careers@pmdi.com).

### Job Summary

The job requires developing, implementing and executing automated software tests for our motion control products. Our system includes electronic hardware and software and it needs to be thoroughly tested for a reliable customer experience. The job requires use of software tools and electronic test and measurement equipment.

### Responsibilities

- Work with a cross functional team of software developers, engineers and scientists to design state-of-the-art products.
- Research new technologies and methods and suggest new ways to improve the company's products and processes.
- Support your developed works with documentation and communications to internal and external customers.
- Participate in peer review of designs; provide and receive critique in an effective manner.
- Manage multiple priorities and task simultaneously.
- Frequent travel to customer sites around the world.



## Qualifications

- Post-Secondary Degree in Applied Science, Computer Science, Mechanical Engineering, or Physics

## Duties

- Create an automated regression and integration test framework using virtual machines and real hardware
- Create automated regression and integration tests cases for new features and fixed bugs
- Contribute to acceptance test criteria for new features
- Perform manual testing using CNCs and Laser CNCs as required
- Track quality assurance metrics such as defect counts and densities
- Help with customer support questions as required

## Skills & Abilities

- Experience with C/C++ development
- A strong desire for a high level of quality
- Experience with continuous integration (CI) and CI tools would be a plus
- Experience using version control and issue tracking software such as Mercurial and JIRA
- Electronics Test & Measurement Systems
- Excellent Verbal and Written Communication Skills

## How to Apply

Please submit your resume and cover letter to [careers@pmdi.com](mailto:careers@pmdi.com) with subject line “Software Test Engineer”

## Other Info

Polaris Motion is in Victoria, B.C. on beautiful Vancouver Island. We offer a competitive salary and a comprehensive extended health package. If you are self motivated and enjoy working in a professional environment with a bright and talented team of product developers, you’ve found the right place. We’d love to hear from you.