



## Software Developer / Applied Science

### Company Overview

Polaris Motion is a locally-owned, science-based technology company. We were founded in January 1994 by two brothers Tom and Mile Erlic, and we are now into our 24th year of business. We have clients all over the world but our home has always been Victoria. This is where we conduct our research, product development, marketing, sales, final test and assembly. We are a financially stable firm experiencing steady growth, with a bright outlook.

Our main market areas are ultra-precision optics manufacturing and ultra-fast laser-based manufacturing. We have developed unique technologies and we continue to develop hardware and software that put us ahead of our international competition. It is because of our 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.

The mood of the company is casual but determined. Employees will find an environment where they're able to joke around but also take things seriously. We love our barbecues and company events, such as dinner and a movie - usually sci-fi, but we're also serious about making sure that our latest software release is rock solid.

Officially, our company values include commitment, integrity, truth, and respect (**CITR**) in how we operate and what we do. Further, we value 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.

### Job Summary

We are seeking an individual who is interested in software programming and algorithm development. The new team member will help expand and fulfill our product line. You will join an environment of high collaboration. Work will include embedded programming, client-side programming, data visualization, algorithm design using Matlab, measurement, control and motion process development. The candidate may use a wide variety of software tools. If you are a motivated programmer, engineer or scientist, we look forward to meeting with you.



## 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.

## Qualifications

- Post Secondary Degree in Applied Science, Engineering, Computer Science or Pure Science.

## Skills & Abilities

- C, C++, C#, Java Programming
- Linux and Windows Operating Systems
- Version Control Systems
- Software Testing Techniques
- Algorithm Development
- Feedback Control Systems
- Digital Signal Processing
- Mechanics and Dynamics
- Applied Mathematics
- Graphics

## How to Apply

Please submit your resume and cover letter to [careers@pmdi.com](mailto:careers@pmdi.com) with subject line "Software Programmer / Applied Science." Candidates qualified to work in Canada will be considered.

## 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.