



## Mechanical Engineer / Technologist CAD Professional

### 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 a mechanical CAD designer / draftsman. Non-permanent full-time or contractors will be considered. The job consists of organizing our library of mechanical CAD models and detailed production drawings.

### Responsibilities

- Organize the Company's library of CAD drawings
- Produce 2D and 3D CAD drawings using Solidworks
- Utilize internal standards to ensure consistency of the final product.
- Coordinate effectively with other members of the team, including internal staff, and external contacts such as other consultants, CAD Technicians and clients.



- Ensure project documents are complete, current, and stored

## Qualifications

- Bachelors Degree in Mechanical Engineering or Diploma in Mechanical Engineering Technologies

## Skills & Abilities

- Revising and creating new 2D and 3D drawings using Solidworks
- Knowledge of Mechanical drawing standards and detailing
- Organize and maintain all CAD for production
- Knowledge of common fabrication and manufacturing techniques such as milling, turning, punching, welding and laser cutting
- Experience in producing working and detail drawings, bills of materials, subassemblies of product
- Experience reviewing drawings for accuracy, materials, machining techniques, and tolerances
- Strong organizational skills, multi-tasking, and deadlines.
- Strong oral and written communications skills in English
- Work well with others to support collaboration for continuous improvement
- Inspects finished products for quality and customer specifications.
- Shares knowledge and experience with others to improve efficiencies
- Must be a self-starter, passionate about your work, enjoy being challenged

## How to Apply

Please submit your resume and cover letter to [careers@pmdi.com](mailto:careers@pmdi.com) with subject line “Mechanical Engineer / Technologist CAD Professional” Candidates who are 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, vacations 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.