

## Digital Electronics Engineer

### Company Overview

Join Precision MicroDynamics (PMDi) and discover a world of ultra precision motion control and automation. Help develop technologies used to make some of the most advanced products in the world including: smart phones and tablets, super clear optics, scientific instruments, advanced aerospace and automotive components and semiconductor chips.

PMDi values commitment, integrity, truth, and respect in how we operate and what we do. 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 potential.

### Job Summary

We are seeking a digital electronics design engineer to join our team and help expand our product line with new precision devices. The designer should be comfortable with complex digital electronics designs.

If you are a motivated engineer with a proficiency in computer and electrical engineering, please get in touch with us.

### Responsibilities

- Work with a cross functional team of developers, design engineers and scientists to create 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 design work shops; provide and receive critique in an effective manner.

### Qualifications

- Post Secondary Degree in Electrical & Computer Engineering.

## Basis of Evaluation

Experience with the following:

- FPGA design using VHDL
- Architecture definition
- Coding, simulation and compilation
- Timing analysis and synthesis
- Meeting area and time constraints
- Electronic test & measurement equipment
- Digital signal processing algorithms
- Xilinx and Altera development environments
- Communication protocols such as PCIe
- Writing functional specifications and design documents
- Collaborative development environment
- Code reviews
- Customer support
- Managing multiple priorities

## How to Apply

Please submit your resume and cover letter to [careers@pmdi.com](mailto:careers@pmdi.com) with subject line "Digital Electronics Engineer." Candidates who are qualified to work in Canada will be considered.

## Other Info

Precision MicroDynamics is located 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.