



## *Job Description*

### **Electronics Technician**

#### *About G2V Optics*

G2V's founding mission is to develop and commercialize technology that will enable food production for a growing population while significantly reducing fresh water and land use. We do this by improving yield, quality, and operating costs for commercial growers by providing efficient 'engineered sunlight'. Our advanced technology provides researchers, greenhouses, and vertical farms with multi-zone lighting and plant monitoring, allowing a grower to keep tabs on their entire crop. We are obsessed with using new technology to make a difference and continue to develop some of the most dynamic and innovative new products for the horticulture market.

We are a small team and are proud of the culture we're building based on honesty and personal development. We value flexibility with our hours, which enables us to balance hard work and time with our families.

#### *Summary*

The *Electronics Technician* is responsible for hands on fabrication, assembly, testing, and repair of prototype and production electronic and mechanical systems help bring G2V's quality products to life.

This position is offered as a contract that may develop into a permanent fulltime position based on fit and performance.

#### *Primary Responsibilities*

- Fabricate and assemble optical and electronic products according to company specification, including soldering, assembling, testing, debugging, validation, and rework of surface mount (SMD/SMT) PCBs
- Mechanical assembly and modification of optical and electrical prototypes and products
- Design and build customized jigs and test automation setups
- Aid product development team with fabrication for prototypes when required
- Properly document design and fabrication parameters according to G2V's quality management standards
- Be a leader for continuous improvement and process development within your relevant area

#### *Target Skills & Qualifications*

The successful candidate should be prepared for an ever-changing set of challenges, and willing to quickly adjust priorities and tasks to make forward progress in addition to:

- 3+ years' experience in hands-on electronics fabrication, printed circuit board design & assembly in a manufacturing environment including rework stations, oscilloscopes, microscopes
- 3+ years' experience mechanical and electrical fabrication and assembly, including hand tools, mill, lathe, and 3D printing
- Programming experience in Python considered a strong asset
- Technician diploma (or equivalent) from a recognized technology institute or college
- C. Tech or CET designation achieved or in progress is considered an asset
- Strong written and verbal communication skills
- Experience with user interfaces, horticulture, or LED lighting products is considered an asset
- Interest and awareness around sustainability

#### *Contact*



**G2V Optics Inc.**  
www.g2voptics.com  
+1 877 428 0428 (G2V 0G2V)  
6801 104 ST NW Edmonton AB T6H 2L5

Please send resumes to [info@g2voptics.com](mailto:info@g2voptics.com) with reference to the job title.