



Job Description

Electronics Manufacturing Engineer

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 through automated, integrated, intelligent growing technology. 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 fast-growing indoor and vertical horticulture market.

We are an agile team that functions on a startup-style culture based on quick learning, honesty and personal development, flexibility, and balance.

Summary

The *Electronics Manufacturing Engineer* reports to the *CTO* and is responsible for the design, manufacturability, reliability, execution, and certification of electronics systems within G2V technology and working with a team to help bring G2V's products to life.

Our new team member will have an opportunity to be a ground-level employee of a growing company. Compensation will be based on relevant experience. Committed team members will also have the opportunity to participate in a stock option program.

Primary Responsibilities

- Design, implement, and manage manufacturing of electronic circuits, printed circuit boards, and advanced lighting products with focus on manufacturability, reliability, quality, and cost
- Create, manage, and report on product and project budgets, schedules, and resource allocations
- Manage testing and certification for custom and listed products
- Interface with R&D and engineering team for design and fabrication for prototypes
- Develop, supervise, and champion automation of fabrication and quality assurance processes
- 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 possessing:

- A Bachelor's degree in Electrical or Computer Engineering from a four (4) year program at an accredited post-secondary institution or equivalent
- Proven track record with at least five (5) years of experience in electronics design, design-for-manufacture, design-for-reliability, pick-and-place manufacturing, and certification in an industrial setting
- Ability to achieve results working within or managing mixed mechanical, hardware, and software teams
- Excellent analytical, organizational, communication (written & verbal), and problem-solving skills
- Experience with ingress protection and LED lighting products is considered a large asset
- A Professional Engineering (P.Eng.) designation is considered an asset
- Interest and awareness around sustainability