



Lead Hardware (Electronics) Designer

Company Overview

Gastronomous is a fast-paced, dynamic start-up focused on revolutionizing how food is prepared and enjoyed worldwide! Having developed Canada's first [fully autonomous kitchen](#), Gastronomous realizes the "Kitchen of the Future" through advanced industrial automation techniques and cutting-edge technologies.

We are a no-nonsense team of passionate people with a bias for action. We know that our ability to execute on our ideas is what sets us apart. We do what we say we are going to do, externally and internally. We trust our people to act independently and make practical, real-world decisions.

If you are passionate about developing meaningful technology that creates meaningful solutions, then Gastronomous is the place for you! By joining our team, you will be immersed in a dynamic and thought-provoking environment that tests your capabilities and pushes you to new heights.

Gastronomous is looking for a **Lead Hardware (Electronics) Designer** who will lead the team to design, prototype, and test new hardware components for our product line. The successful incumbent will be a central part of our core engineering team and will work closely with the mechanical and software teams. This role is geared towards an individual with a can-do attitude and with a proven experience for designing a commercial product with demonstrated passion for innovative technology.

What You'll Do:

- Provide technical leadership for all product development in electrical/electronics systems
- Conduct research into the feasibility, design, prototype solutions for products
- Design and implement hardware components (PCBAs, cable/wire harness, electrical panel)
- Document and maintain design data including BoM and supporting documentation throughout the products full life-cycle
- Consult with vendors and suppliers to ensure product and project compliance
- Work with cross functional teams to develop test methodology and conduct tests to ensure/validate product performance, quality, and reliability.
- Design, implement and test firmware and low level (HAL layer) software
- Be a lead participant in preliminary and critical design reviews and risk assessment
- Participate in failure root cause analysis and implement corrective actions
- Lead electrical certification and participate in system certification process
- Manage electronic lab operations, incoming work, and new processes
- Implement and maintain electrical system development policies and procedures
- Mentor junior hardware designers



Knowledge, Skills, and Abilities for Success:

- BS degree in Computer / Electronics, Electrical, Mechatronics Engineering or equivalent qualifications
- Proven track record of design and manufacturing an industrial smart machine (full life cycle)
- Experience designing circuit diagrams and creating schematics (experience in PCB layout is bonus)

Preferred Skills and Experience:

- Experience building electronics in a robotics/automation applications
- Experience scaling up manufacturing and supporting contract manufacturers
- Experience in mechanical design
- Experience in writing low level device driver code in C/C++

Soft Skills:

- Must be able to communicate thoughts and ideas effectively.
- Must be able to work independently and with a multidisciplinary team.
- Organized and efficient, able to self-manage projects and present deliverables on time or communicate delays.
- Detail oriented with regards to machine development
- Ability to work in a collaborative team environment and effectively communicate complex technical concepts.
- Strong problem-solving skills, attention to detail, and a passion for creating innovative robotics solutions.

This is a full-time position with a competitive salary and benefits package. If you are passionate about robotics and have a strong desire to build products of the future, please apply today.

We look forward to reading every application and welcoming a new, bright mind to Gastronomous shortly!

If interested, please send your resume and any other relevant information to:

careers@gastronomous.ca

GASTRONOMOUS