



ELECTRONIC DESIGNER

TO MAKE THE TEXT MORE CONCISE, WE WILL USE THE MASCULINE FORM

We are :

Nüvü Camēras Inc. is a high-tech company that manufactures and develops ultra-sensitive imaging solutions for applications on Earth and in space.

Located in a part of Montreal that is highly valued by its employees, the company has established itself as a leader in its field through its highly cited publications, its many renowned international clients, and its partnerships in cutting-edge innovation at the forefront of technology and science.

Recognized as a global leader in its sector, Nüvü Camēras is experiencing growth and is looking to expand its dynamic, creative, and professional team.

You are :

Interested in developing the readout electronics of space-based cameras ?

Passionate in electronics design and embedded software development, ready to turn your knowledge into robust, real-world systems ?

Ready to join a design team working at the cutting edge of hardware development, where technical rigor, and strong team collaboration are essential ?

Required skills and qualities

Recognized for the quality of its analog circuit design;

Skills in PCB design (experience in "Design for Manufacturing" is a plus);

Excellent ability to diagnose problems in electronic circuits;

Knowledge of digital design using VHDL;

Knowledge of the C programming language;

Knowledge of programming and embedded systems design;

Knowledge of digital circuit simulation and optimization;

Organizational skills, independence, attention to detail, and precision.

Desired Qualifications

Understanding of the challenges associated with digital imaging;

Experience in the development of space products;

Familiar with Microchip products;

Experience in electronic diagnostics and debugging;

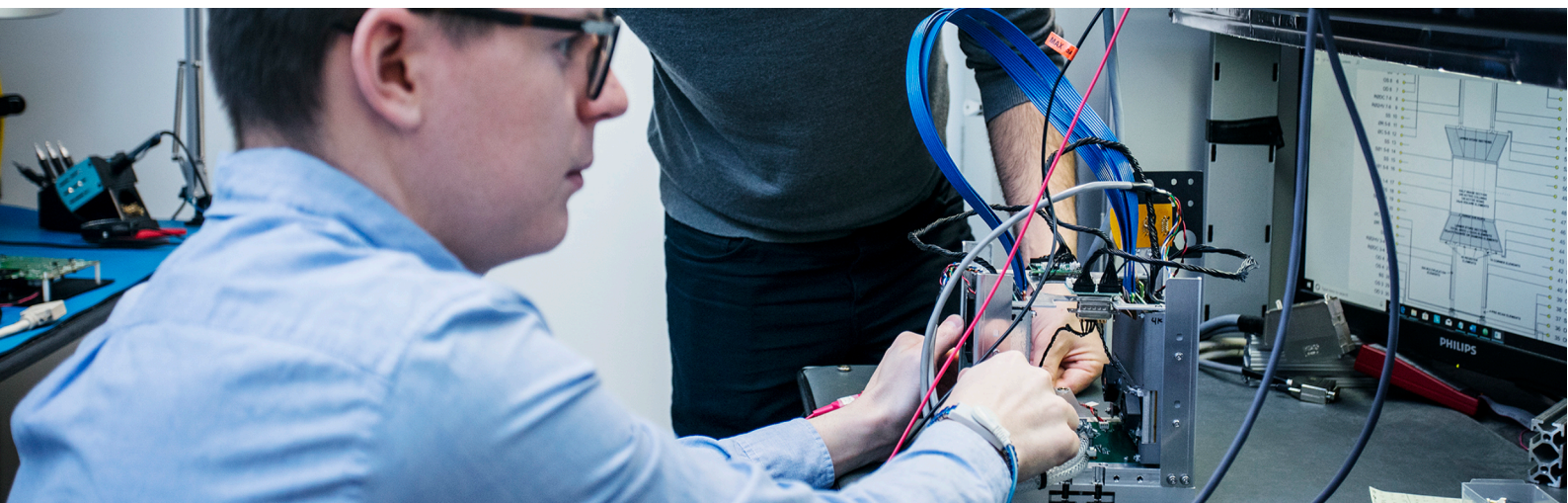
Experience with the Linux platform



Position summary :

This position will involve contributing to the development, improvement, and quality assurance of camera controllers and other related products and services. You must demonstrate creativity in supporting the integration of new concepts and be thorough in identifying major and minor factors in the design of analytical models. In addition to leveraging your skills in analog and digital electronic design, this position will require you to coordinate the procurement of electronic components for new prototypes, as well as electronic subsystems for research and development and the transition to manufacturing.

As a member of the Nüvü Camēras team, you will work alongside a multidisciplinary team of engineers, scientists, and technicians, complementing their expertise with your advanced knowledge of electronics and computer science. To thrive throughout the entire lifecycle of an innovative company, you'll need to demonstrate strong prioritization skills, have a keen eye for detail, and be able to see the big picture.



Specific responsibilities :

- Design of analog and digital circuits;
- Contribute to the design and maintenance of electrical schematics and PCBs, as well as the development of embedded software functions;
- Participates in feasibility studies, experiments, development testing, analysis of results, and documentation;
- Coordinates electronic procurement for non-recurring products or prototypes;
- Helps resolve any challenges that arise during the electronics manufacturing process;
- Communicates the results of work and ideas through management tools, as well as through reports, presentations, and team discussions;
- Understands and follows health and safety policies, internal policies, quality policies, and the new product launch process, and contributes to their improvement.

Education & Experience :

You must :

- hold at least a bachelor's degree in electrical engineering or the equivalent, and
- Have at least 2 years of experience in the design of complex analog and digital circuits, PCB design, and procurement from suppliers of electronic components, subsystems, and services.

Terms:

Full-time permanent position with a flexible daytime schedule Monday through Friday, approximately 37.5 hours per week;

Fixed salary based on profile

Competitive group insurance plans;

An innovative, eco-friendly work environment with skilled and passionate colleagues;

Strategically located at the intersection of the Griffintown, Old Port, and Downtown Montreal neighborhoods, offering amenities for cyclists (bike path and showers available) and pedestrians, with easy access to all types of public transportation (metro, bus, train, REM, Bixi);

Access to ETS privileges such as sport center, cafeteria, parking, discount at local restaurants and stores, etc.

Memorable social events.

If this position interests you, please send your Curriculum Vitae and letter of intent to careers@nuvucameras.com.

We ask that candidates withhold from calling, as the numerous applications received do not allow us to respond to everyone.

We thank you for your interest and will contact you if your application is successful.