C++ IMAGING SOFTWARE DESIGNER

nüvü camēras

We are:

Nüvü Camēras Inc. is a high-tech company that manufactures and develops ultra-sensitive low light imaging solutions for ground and space-based applications. Our photon-counting imaging expertise meets the demanding needs for many leading-edge applications such as those for life science diagnostics, night vision, quantum communication and computing as well as manufacturing quality control, to mention just a few.

Based in a very convenient area of Montreal, the company has shared its expertise through highly referenced publications, with renowned international clients and within innovation alliances at the cutting edge of technology and science.

Recognized globally as a leader in its field, Nüvü Camēras is expanding rapidly and seeks to expand its dynamic, creative and professional team.

You are:

A passionate and meticulous C++ programmer?

Concerned about software quality issues?

Interested in contributing to all aspects of software engineering within a cutting-edge technology SME?

Do you have several of the following skills?

Advanced knowledge of multithreaded C++;

Advanced knowledge of concepts and practices specific to object-oriented programming;

Ability to work with legacy code;

Strong interest in software architecture;

Experience in unit test development;

Knowledge of and interest in UI/UX (an asset);

Knowledge of Python (an asset);

Comfortable with more than one platform (Windows, Linux and MacOS);

Knowledge of and interest in DevOps;

Experience with Git, CMake, Qt(C++), Jenkins, googletest;

Mathematics and complex problem solving skills;

Ability to communicate (spoken and written) in French and English;

Ability to work in a team;

Organizational skills, autonomy and rigor.

Position Summary:

As part of a small team of agile and passionate developers, you will touch on all areas of expertise in software engineering and you will be required to participate in all phases of the software development life cycle.

You will participate in the design and implementation of imaging solutions meeting specific customer needs as well as the development of internal tools for our team of engineers, scientists and technicians.

You will have to improve and adapt legacy code to ensure sound management of technical debt. You will also participate in maintaining and improving our quality assurance infrastructures.

Specific Responsibilities:

Participate in the design, development, maintenance and documentation:

- From the camera API (C++),

- Camera acquisition and graphic control software (C++),

- Internal analysis and production software (C++, Python),

- Unit tests,

- DevOps infrastructures.

Quickly identify technical risks and help resolve them;

Participate in feasibility studies, experiments, development tests as well as the analysis of the results;

Provide technical support;

Communicate effectively through team discussions, reports and presentations;

Understand and ensure compliance with the company's safety policy, documentation system, quality policy and new product introduction process.

Terms:

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

Fixed salary depending on profile;

Competitive group insurance;

Innovative eco-responsible environment with qualified and passionate colleagues;

Strategic location at the junction of Griffintown, the Old port and Downtown Montreal neighborhoods, offering easy access for bicycles (bike path and shower available) and pedestrians, with proximity to all types of public transit (subway, bus, train, REM, Bixi);

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

Memorable social activities.

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.

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