



every photon counts

**EMPLOYMENT OFFER
POSITION: SOFTWARE EXPERT – TECHNICAL SUPPORT**

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Nüvü Camēras Inc. is a high-tech company that manufactures, develops and markets scientific cameras, which are considered to be the most sensitive in the world, and this, since 2010. The end-users of these cameras are, among others, space agencies, research centers, imaging systems manufacturers of products used primarily in hospitals. The company is based in the heart of Montreal and shines on the international scene. Recognized globally as the leader in its field, Nüvü Camēras is undergoing rapid growth and seeks to expand its dynamic, creative and professional team.

Position Summary:

With regards to the integration of our cameras, the Software Expert will provide customer support and will be responsible of developing internal tests for new software versions. From conception, to documentation, to technical support, the candidate will have to navigate and progress throughout the entire software life cycle.

This position also requires taking part in the development, improvement and quality assurance of the cameras' operational parts and related products. The applicant will have to understand the customers' needs in order to assist them in the optimal use of our products via software interface. The candidate must demonstrate creativity in the given support for new concepts integration and be rigorous in identifying major and minor factors in the design of analysis models. In addition, the candidate will be asked to interact with the R&D team to document latest technics and news in the interest of facilitating the use of new products for customers.

Specific Responsibilities:

- Assist customers in the support, training and software integration of products;
- Extract, from customer's data, the critical requirements to ensure the software quality of new products and needed improvements;
- Facilitate the development of a solutions between the commercial and technical team;
- Write and implement tests for software quality validation;
- Write, modify and update relevant documentation to facilitate the use of products by the customers;
- Communicate results of your work trough reports, presentations and team discussions;
- Understand and follow company's safety policy, documentation system, quality policy and company's new product introduction process.



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Education and Experience:

At a minimum, a relevant university degree with courses in software and optics and related experience. Experience with EMCCD imaging system and experience working in a high-tech SME is a plus.

Skills and Desired Qualities:

- Extensive knowledge of C/C++;
- Knowledge in system programming on Linux, Windows and Mac OS;
- Ability in image processing;
- Ability in real-time programming;
- Ability in software architecture development;
- Graphical User Interface (GUI) skills;
- Strong interest in learning new technologies;
- Ability to work on multiple projects simultaneously within a multidisciplinary team;
- Strong interpersonal skills;
- Strong organization, autonomy, thoroughness and precision skills;
- Good communication skills;
- Knowledge of the following programming languages: Matlab, IDL, Labview, MetaMorph, Micromanager;
- Knowledge of Qt, libTiff and cfitsio libraries.
- Knowledge of the following tools: QT, SVN, Jira.
- Fluent in both French and English with strong redaction skills.

Terms:

Position: Full time, permanent (37.5 hours/week)

Schedule: Flexible from Monday to Friday

Salary: Competitive, based on profile

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 does not allow us to respond to everyone. We thank you for your interest and will contact you if your application is successful.