



every photon counts

EMPLOYMENT OFFER
POSITION : EXPERT IN EMBEDDED SYSTEMS – ELECTRONICS

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Nüvü Camēras Inc. is a high-tech company that manufactures, develops and markets ultra-sensitive low light imaging solutions for ground and space-based applications. Based on an innovation developed for space exploration, Nüvü Camēras' photon-counting imaging expertise now meets the demanding needs of many leading-edge applications such as medical and biomedical diagnostics, night vision, quantum computers and manufacturing quality control, to name a few. Since 2010, the company has put its expertise forward with its highly referenced publications, renowned international clients and 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.

Position Summary:

As a member of the imaging systems development team, the new resource will contribute to the development of embedded software and VHDL programming for electronic subsystems. To evolve through the entire life cycle of an innovative company, the resource must demonstrate exceptional priority management skills, be recognized for their programming skills and possess a keen attention to detail while also maintaining a holistic view of the projects they contribute to. This position will require contributing to the development and testing of new prototypes and products. By joining Nüvü Camēras' team, the candidate will work with a multidisciplinary team of engineers, professionals, and scientists, complementing them with their advanced knowledge in electronics and computer science.

Specific Responsibilities:

- Contributing to the programming of embedded software;
- Contributing to VHDL programming of FPGAs and integrated circuits;
- Participating in feasibility studies, experiments, development tests, and result analysis;
- Contributing to diagnosis and repair;
- Communicating the results of their work with management tools;
- Communicating the results of their work and his ideas through reports, presentations and team discussions
- Contributing to supply chain research for electronic subsystems' components or solutions.

Education and Experience:

At least a bachelor's degree in electrical engineering or computer engineering with a focus on embedded systems.

Minimum of 3 years of work experience related to the following sought-after advanced knowledge.



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Skills and Desired Qualities:

- Advanced knowledge of embedded system programming
- Advanced knowledge of digital design in VHDL
- Advanced knowledge of the C language
- Ability to analyze and diagnose electronic circuit problems
- Basic knowledge of simulation and optimization of digital circuits
- Basic knowledge of digital and analog circuit design
- Organization, autonomy, meticulousness and precision skills.

Assets:

- Able to work on the Linux platform
- Knowledge of Xilinx and Microchip products
- Statistics notions

Terms:

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

Schedule: Flexible from Monday to Friday

Salary: Competitive, based on file

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.