

ENGINEER IN OPTO-PHOTONIC SYSTEM DESIGN

Location: 4535 boul. Hamel #240, Québec

POSITION SUMMARY:

The Engineer in Opto-Photonic System Design will participate in all phases of the product development process, including the preliminary design, architecture development, optical design, electronic design, algorithm development, embedded software development, and verification and validation testing.

Within the engineering team the Engineer in Opto-Photonic System Design will also be responsible for providing second-level assistance to the technical support team for client issues. He or she will also work directly with clients on their custom or integration projects.

MORE SPECIFICALLY:

- Create product specifications
- Develop the architecture for various products
- Design optical systems
- Select and qualify optical and opto-electronic components
- Support electronic and mechanical development
- Create and optimize signal processing algorithms
- Development embedded software
- Carry out verification and validation testing
- Develop tools and methods to carry out simulations and verifications

WE ARE LOOKING FOR A CANDIDATE WITH THE FOLLOWING PROFILE

REQUIREMENTS:

- University degree in Electrical Engineering, Engineering Physics or other relevant training
- Member of the Ordre des Ingénieurs du Québec
- 5 years of experience in developing opto-photonic systems
- Experience in developing signal processing algorithms
Experience in developing embedded software
- Functional English and French (spoken and written)
- Available to travel occasionally (Canada, USA and abroad)
- Good communications skills
- Leadership
- Autonomous
- Ability to work under pressure and during variable hours

CONTACT

Please send your letter of intention with your resume by e-mail to the attention of Mme Marie-Pier Fortier at rh@leddartech.com

Only selected candidates will be contacted.