



## One Silicon Chip Photonics

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### Project Manager

#### **About OSCP**

Headquartered in Montreal, Quebec, Canada, One Silicon Chip Photonics (OSCP) focus is on the development of Inertial Measurement Units (IMUs). Combining Micro-Electro-Mechanical-Systems (MEMS) and Silicon Photonics, OSCP is building the next generation of accelerometers and gyroscopes for autonomous vehicle market. The company is now developing a fully integrated optical solution with no moving part that will be characterized by a much higher accuracy than MOEMS devices which will feature a smaller size, more power efficient, cheaper and more reliable compared to fiber-optic based solutions. The team is formed by a young and creative team, specialized in the fields of optical devices design & simulation, micro-fabrication, and characterization.

OSCP is looking for a project manager with preferably experience in sensing technologies and more specifically related to accelerometers and gyroscopes. The candidate will participate in the development of integrated photonics-based motion sensors adapted for autonomous vehicles such as self-driving cars and autonomous drones.

#### **Job Opening**

As part of a multidisciplinary team organization, the successful candidate will work closely with our internal R&D engineers, our academic and industrial partners, and with our customers to develop PIC-based inertial sensors for autonomous vehicles market. The projects cover MEMS microfabrication processes as well as the control electronic, the optical design and the packaging.

#### **Responsibilities**

- Manage technically and logistically complex programs. Develop detailed schedules to support responsibility to deliver product on time, to specification and at planned cost.
- Regularly prepare and present status reports on projects to customer and to Senior Management; Document notes, action items and decisions made in internal and customer-facing meetings
- Coordinate activity with engineering, materials, and operations organizations to position for success on the project.
- Manage and mitigate project risks.

- Assure communication with internal engineers as well as customers during project evolution.
- Leverage relevant technical knowledge to ensure that technical investigations and developments remain well-aligned to the overall project goals.
- Speaking to customers for assigned projects, providing superior support, and effectively managing demanding customers.
- Achieve results while reinforcing company's cultural beliefs and maintaining a chain of accountability.
- Assume project management and coordination with all functional team members in a matrix organization approach.
- Writing grant proposals and any other task associated with the development of the start-up.

### **Qualifications**

- The ideal candidate has a bachelor's or master's degree with experience in Electronics and/or MEMS fabrication and/or integrated optical devices.
- 5+ years technical project management experience preferred.
- Project Management (PMP) certification preferred. Uncertified candidates will be expected to commit to pursuing certification.
- Excellent communication and customer service skills.
- Skill in managing a diverse range of personnel assigned to program, frequently without a direct reporting relationship.
- Ability to effectively multi-task and operate independently, solving problems hands-on when appropriate.
- The candidate must be proficient in English, both orally and in writing.

Knowledge of French is an asset.

**Start Date:** As soon as possible.