

Senior Embedded Product Developer

MackKay Meters (MacKay), an industry leader in the design, development and manufacturing of innovative industrial grade parking solutions and equipment, has an immediate need for a Senior Embedded Product Developer to join a small dedicated team of technical professionals working at either our corporate headquarters in New Glasgow, Nova Scotia, or our Research and Development Office in Halifax, Nova Scotia.



We are looking for a self starter, with a positive "can-do" attitude, and a proven track record, who can quickly become a productive member of our group. This is a full time position and a competitive salary, medical/dental plan, and a matching contribution pension plan are available to the right candidate.

Reporting to the IT Group Manager, the Senior Embedded Product Developer will document designs for efficient, cost-effective products meeting product requirements at the customer level, implement designs of his own and others' devising, and troubleshoot products that are not meeting expectations. He will organize the assigned work in a flexible manner, adapting to the changing needs and priorities of the company. He will assist others in the completion of their duties, and will provide supervisory oversight as required when working in small teams.

Principal duties & responsibilities:

The Senior Embedded Product Developer will work with both the MacKay Single-Space and Multi-Space product lines to design, implement and support new features and off-the-shelf peripherals. The candidate will work with the IT Group Manager to specify system designs, and implement the system in accordance with the completed design.

Requirements:

- **Education:**
 - Post-secondary diploma or degree in Electrical Engineering, Electronic Engineering, or Computer Science, or the equivalent in experience.
- **Experience:**
 - 7 years experience in primarily embedded software development.
 - 3 - 5 years experience in hardware design environment.
- **Skills:**
 - Understanding of and adherence to the Software Design Life Cycle and Hardware Design Standards.
 - Ability to take a design concept, ask the necessary questions, define the best approach, figure out the best way to do it in coordination with the rest of the team, then carry it out.
 - Strong debugging/troubleshooting and reverse-engineering abilities.
 - Ability to solve problems, provide recommendations and make independent decisions.
 - Ability to communicate complex information in a comprehensive and concise manner.
 - Ability to work under tight time lines.
 - Must have the ability to work well as part of a team and independently.
- **Knowledge:**
 - C, C++ programming languages and serial communications protocols.
 - MS Windows CE 5.0, MS Visual Studio.
 - Understanding of cellular technology (GPRS & CDMA).
 - Exposure to Orcad Schematic and PCB Editor (a plus).

Please send your cover letter, résumé/CV, indicating project experiences and role in each to hr.mgr@mackaymeters.com. Please state salary expectations.

Please no telephone inquiries. We thank all applicants for their interest, however, only those selected for an interview will be contacted.

J.J. MacKay Canada Limited is an Equal Opportunity Employer.

About J.J. MacKay Canada Limited:

J.J. MacKay Canada Limited is a Nova Scotia based company and an industry leader in the manufacture and supply of innovative parking equipment and parking solutions. We have been providing our parking products, services and solutions to Canadian, US, and International clients for over 40 years. The parking IT solutions we provide include traditional client/server applications with associated databases

installed at our client sites as well as products that require customized software development, mobile applications, web based (remote) applications and client data hosting. Our web site is <http://mackaymeters.com>.