Solace Power Inc. is an innovative R&D company based in St. John’s, Newfoundland. Our RC² technology is unique to the world and is changing what is possible for the entire wireless power industry. For our software and firmware team, we are looking to hire a proactive Computer Engineer or Software related Electrical Engineer as an additional member of our Research and Development team.

Solace provides successful applicants a wide variety of development work. For example, you are welcome to take on working with Solace’s embedded systems, programming a microcontroller to efficiently and effectively maintain optimal wireless power transfer. The successful candidate will be responsible for reporting to a Computer Engineering Team Lead and will need to have at least an intermediate understanding of real-time systems and object-oriented programming. Anyone with experience in iOS/Android development, C, C#, and/or scripting languages, would be considered an asset. Hands-on hardware development experience would also be helpful.

Possible Roles Include:
1. Re-designing and implementing Solace’s embedded systems
2. Re-designing and implementing Solace’s system monitoring & control software
3. Ensuring optimal resonator designs for wireless power transfer
4. Researching and bench-testing network topologies for impedance-transformation solutions
5. Pursuing any, of many, research topics
6. iOS/Android development
7. Regular ping pong matches

Skills and Qualifications:
1. Bachelor’s degree in electrical or computer engineering (required)
2. Previous relevant work experience
3. Genuine interest in developing new technologies
4. Excellent verbal and written skills
5. Skilled in basic soldering and electronics assembly
6. Experience in object-oriented design (UML, sequence diagrams, etc...)
7. Experience using version control systems (SVN, Git, etc...)
8. Strong C programming skills, and experience with scripting languages
9. Candidates must be able to independently research and identify solutions to syntactical or logical errors that may arise
10. Able to take initiative and be proactive
11. Must be a strong team player with a constructive perspective and committed to the success of the group

Key Working Relationships
• Work with the engineering team to strategize about overall corporate objectives and the implications for engineering activities.
• Work with engineering team leaders to optimize work effort to be in line with the company’s product road maps.
• Work with the engineering team regarding the execution of engineering research and development strategy and all associated activities.

Benefits
• Solace Power Inc. offers employees a comprehensive benefits package.

To apply for this position, please send your resume to careers@solace.ca