Developing wireless power technology isn’t your everyday office job!

As a close team of under twenty people, everyone at Solace Power Inc. contributes to pushing the limits and redefining the way we think about wireless power. We are currently looking for a new team member who can help us research, develop, and test technology that truly doesn’t exist anywhere else!

We mean it when we say that Solace isn’t your average job. From implementing wireless power technology in a car door to developing our latest patentable concept – no two days are ever the same.

We are looking for an Electrical Research Engineer with a focus on software/hardware to join our Engineering Research and Development Team. Our goal is to find a teammate with an in-depth understanding of analogue/digital electronic design methods/techniques, and real-time software development. This individual will also be fully engaged in all stages of our development lifecycle.

A Typical Day at Solace

- Work with Engineering Management and the R&D team to ensure our designs make the market love us!
- Create hardware/software systems and design specifications.
- Ensure our applications meet design requirements.
- Perform analog design simulations, test-bench creation, and design verification.
- RF-based PCB design; floor planning and working with the PCB designer.
- Performing additional design and development functions as required.

Must-Have Requirements

- Coffee on Monday morning!
- Bachelor’s degree and/or Master’s degree in Electrical or Computer Engineering.
- Experience in analog and digital circuit design.
- Experience with schematic and PCB design software, such as Altium Designer.
- The ability to research and identify appropriate components to meet design objectives, plan and execute designs to meet engineering targets, and be familiar with all equipment necessary to prove and test designs.
- Experience with C/C++, real-time operating systems, MATLAB, and Simulink (or similar).
- Experience working with data sheets and use of lab equipment such as; logic analyzers, signal generators, oscilloscopes, and voltmeters.
- Knowledge and interest in project management, and open-source coding.
- A great sense of humor.

Nice to have this too … but no big deal if you don’t

- Desert with every meal!
- Experience with process regulations.

Benefits

- Solace Power Inc. offers employees a comprehensive benefits package.

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