

## ELECTRONICS DESIGN ENGINEER

General Starlight Company Inc. ([www.gsci1.com](http://www.gsci1.com)), a well-established High Tech Optical-Electronic Manufacturing organization based in Vaughan is looking for an experienced electronics hardware specialist who will be primarily responsible for developing from concepts through prototyping to market-ready solution.

We invite the candidate to conduct a self-qualification and then submit his/her resume in accordance to his/her best knowledge, experience and abilities. This is a competitively paid opportunity for qualified candidates and offers an exciting, dynamic work environment and career development.

Required experience: 3-5 years in electronic hardware design including FPGA, Microcontroller and hands-on experience with hardware and firmware debugging is a must.

The successful candidate will possess a sound combination of the following and other relevant skills:

- A formal Engineering/relevant qualification
- Low power electronic hardware design
- PCB design
- Microcontrollers
- Implementing various interfaces like I2C, RS-232, USB
- Embedded software development in C, C++, Assembly languages
- Digital video interfacing and processing
- Interfacing Flash, SRAM, SDRAM, etc in an FPGA environment
- Experience with soft cores is an asset

Expectations of this candidate include:

- Ability to work in a dynamic environment as a member of a cross functional team
- Ability to plan and prioritize multiple projects
- Identify and test components and supplies required for the development process
- Assist in development and implementation of testing procedures
- Hardware analysis and debugging skills using standard test instruments
- Firmware development and debugging for embedded microcontrollers
- Ability to design complex electronic systems which may incorporate analog and digital electronics
- Ability to effectively interact with others on technical matters

To apply, please email your resume and cover letter to [hr@gsci1.com](mailto:hr@gsci1.com). No phone calls please. We thank all candidates, but only those selected for an interview will be contacted.