



Software Developer

REQUIRED FOR SOLAR TECHNOLOGY DESIGN & MANUFACTURING COMPANY

Location: 100 Symes Rd, Unit 100 A, Toronto, ON M6N 0A8, Canada

Position Title: Software Developer

Starting Date: Immediate

Salary: Commensurate with experience

Date Posted: 2017/09/27

About Morgan Solar

Founded in 2007, Morgan Solar is a Toronto-based, advanced-stage start-up developing new solar power technologies that are unlike anything else. We are performing original research and have a growing portfolio of cutting-edge, high-efficiency solar and illumination technologies in the pipeline, all combining innovative optics with well-established manufacturing processes. We are now working to bring our first breakthrough products to market: the Sun Simba™, a highly efficient, low cost Concentrated Photovoltaic module, and the Savanna™ tracker, a self-ballasted, dual-axis sun-tracking system.

The company has tremendous potential and needs an enthusiastic, hard-working, and intelligent team to help us achieve our goal of making solar energy affordable and accessible.

About the Position Firmware Developer

The successful candidate will have strong knowledge of and affinity for software development with web technologies including front end and back end development, SQL database management and design/maintenance of distributed systems. The candidate will also be fluent with development of applications operating on Linux based embedded devices. The candidate will work on mission critical, high availability, low downtime applications.

The candidate will work within the Control System team to create and maintain software to interface with remotely deployed embedded hardware and data systems. The candidate will also be expected to liaise with members of the mechanical design, hardware and software teams to collaboratively develop and improve products

Morgan Solar is a dynamic company; we require people who can thrive within our fast-paced development schedule.

Qualifications

- Bachelors Degree in Computer Science or similar
- Experience in related position for a minimum 3+ years

Roles and Responsibilities

- Work with Control Systems team to develop IOT embedded products
- Design and maintain front-end system
- Maintain / administer SQL database
- Ability to set up server-side resources (e.g. Jenkins, source control repository)

Required Skills and Experience

- Proficient in C/C++
- Demonstrated knowledge of web technologies. HTML, CSS, Javascript
- Proficient with databases, specifically MySQL
- Proficient with Message Brokers, Enterprise Integration Patterns
- Full-stack implementation, Apache/PHP
- Ability to work in a team environment as well as independently
- Strong attention to detail
- Source control

What We Offer

- Work with a diverse team of engineers and scientists developing new technologies. Creativity and boundary-pushing are encouraged, and often see quick implementation.
- Join a motivated team, committed to making solar energy significantly more affordable and accessible. We are a global company, undertaking important projects in very interesting parts of the globe.

To Apply

Please send a cover letter and résumé to careers@morgansolar.com, quoting job reference number **CS170922** in the subject line.