Firmware / Support Engineer

GEO Semiconductor is a fabless semiconductor start-up company offering products and services founded on unique video and geometry processing IP. The company is an industry leader in programmable, high performance, video and geometry processing IC solutions that enable Digital Video 2.0 (real-time processing of video algorithms in software) and Projection 2.0 (allowing the trade-offs between optical systems and pixel processing) yielding exceptional video quality and enabling totally new products and features, at resolutions of 1080P and beyond.

The Company’s products have found acceptance in a variety of industrial sectors including video processing, advanced projection and security.

The Company has an immediate need for a Firmware / Support Engineer working from the north Toronto, Ontario office.

POSITION DETAILS:
The successful candidate is responsible for:

FIRMWARE DEVELOPMENT (50%)

- Developing/writing software for use in embedded hardware platforms,
- Supporting existing products by modifying software to customer specifications,
- Work with development groups to define test plans and strategies for product releases,
- Assist in the creation of feature development,
- Work with a team of engineers to modify products from concept through prototyping and initial production,
- Debugging and implement product fixes,
- Participate and document technical discussions,
- Support pre-production activities as required,
- Write firmware test plans for QA,
- Complete other duties as required.

FIELD APPLICATION ENGINEER AND CUSTOMER SUPPORT (50%)

- Supporting issues concerning customer platforms as they relate to product introduction,
- Provide on-going customer support to existing customers
- Working with customers to implement products and resolve technical issues,
- Manage issue escalation to ensure the customer receives a response on time.
- Provide technical training for customers and engineers.
- Provide design support and assistance with technical requests submitted by internal and external customers.
- Assist sales and marketing staff in securing design win,
- Participate on special projects and trainings as needed/required.
- Work with design teams to gather and synthesize customer feedback,
- Complete other duties as required.
QUALIFICATIONS

The successful candidate should have the following technical skills:

- 3+ years of applicable experience,
- Degree in electrical engineering, computer science, computer engineering or equivalent,
- Background in image and video processing an asset,
- Familiar with use of design and development techniques, tools and software,
- Development experience including board-level design,
- Experience with software – hardware interface development and integration,
- Experience debugging systems, hardware and software problems,
- Expertise in C and assembly programming,
- Ability to use laboratory equipment (meters, scopes, signal generators, other test equipment) with a high degree of proficiency.

The successful candidate will have the following personal skills:

- Ability to communicate effectively (written and oral) in English.
- Ability to travel.
- Highly motivated and hard working.
- Ability to work successfully and positively in a team or individual environment.
- Possesses strong ability to collaborate and problem solve.
- Must thrive in an environment with high expectations for successful outcomes and delivery.
- Ability to meet given deadlines
- Excellent interpersonal skills.

Interested individuals should email resume and brief cover letter to: robert.watson@rdbjconsulting.com. 905-617-7430. Please quote “Firmware / Support Engineer” as the email subject. All calls and correspondence will remain strictly confidential.

We thank all those that apply but please note, that due to the volume of email we routinely receive; only those selected for interviews will be contacted.