Firmware Developer

Job ID #: In-TAC-011-16
Sector: IT
Job Type: Full time
Location: Vancouver, BC
Number of Openings: 1
Salary: DOE (Depending on Experience)
Closing Date: Ongoing until filled

The company is one of the largest software companies headquartered in downtown Vancouver. Their office is located near the waterfront where they have great views and close proximity to public transit, shops and restaurants. They have designed a new office to provide a bright and inspiring work environment with a variety of custom-built spaces so they can collaborate, communicate, and concentrate. They celebrate their wins in large common areas where they hold hackathons, end of quarter celebrations, and monthly socials. The company believes in a good work / life balance which is reflected in their annual employee retreat where it's all about friends and family.

Responsibilities

- As a Firmware Developer you will be expected to contribute to all aspects of software development, including writing design documentation, coding, unit testing, integration testing, debugging and troubleshooting, supporting customers, and maintenance.
- You will be joining a team that builds a variety of software, from low-level UEFI and Legacy BIOS components in Assembly and C, secure communication protocols between the OS and System Firmware, windows services in C#/C++, on the Microsoft Windows, Mac OS X, and Linux platforms. To be successful, you must be adaptable, flexible and a quick learner with a "can do" attitude.

Qualifications

- 5+ years of career UEFI software development experience.
- C/C++ and EDK2 driver development experience is essential; Assembly can still be used in some cases.
- Hands-on experience with Secure Boot, Variable Services, UEFI Secure Technologies, and other UEFI essentials is critical.
- Experience with security architectures, such as Public Key infrastructures, key management, SSL/TLS, TCG/TPM.
- Understanding PC hardware architecture: CPUs and chipsets, SMM; PCI, LPC, USB, and other buses.
- Native Windows development, Win32 API, multi-threading, networking, OS driver/application experience is a plus.
- Strong debugging and problem-solving skills.
- BS in computer science, or equivalent, with strong academic performance.
- Excellent oral and written communications skills needed to explain technical issues and designs.
- Self-motivated, independent, detail orientated, and responsible team-player.

How to Apply:

Eligibility to apply for the job: Pre-arrival immigrants to Canada with valid passport from China, Hong Kong, Macau, or Taiwan

For Pre-Arrival clients already registered with In-TAC Pre-Arrival Services, please email your resume to your Counsellor, including "**Job ID # In-TAC-011-16**" in subject line. To access *free* pre-arrival services, please click here to register as our client.