

# In-TAC ISSofBC Pre-Arrival Services Job Posting

## Firmware Design Engineer

**Job ID #:** In-TAC-004-16

**Sector:** IT

**Job Type:** Full time

**Location:** Burnaby, BC

**Number of Openings:** 1

**Salary:** DOE (Depending on Experience)

**Closing Date:** Ongoing until filled

We are looking for a Firmware Design Engineer to join our Hardware Department. You will work closely with other firmware, hardware, and verification engineers throughout various stages of the hardware and firmware development cycle. You will gain exposure to various technical standards and technologies, and get to demonstrate your skills in design, development, performance tuning, and documentation. You will also be involved in research, investigation, and definition of new areas of technology that will enhance new and existing products.

No Canadian experience is necessary.

### Responsibilities

- Pre & post system performance measurement in cross platform methodology
- Maintain and improve implemented test tools
- Research on testing methodology for better coverage and efficiency
- Debug defective hardware by different testing configuration in verification tools
- Firmware design and maintenance

### Qualifications

- Experience in firmware development or equivalent experience in related area
- Familiar with computer system interface programming
- Fluent with Linux OS kernel, programming and debugging tools
- Proficient in C/C++ language and has good experience in assembly language
- Working history in Intel/AMD X86 embedded processor system architecture
- Working history in implementing drives for the device, like memory, IDE device (flash, disk), RAID system, Ethernet and other intelligent peripherals, such as IPMI, USB, RS232
- Excellent problem solving and troubleshooting capability
- Bachelors/ Masters Degree in Electrical Engineering or Computer Science

### 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-004-16**” in subject line. To access our *free* In-TAC Pre-Arrival Services, please click [here](#) to register as our client.

Shortlisted candidates will be asked to take a technical test which can be done remotely. Qualified candidates will be scheduled for in-person interviews; the employer will cover travel and accommodation costs to attend interviews and will provide relocation assistance to Canada.



Immigration, Refugees  
and Citizenship Canada

Immigration, Réfugiés  
et Citoyenneté Canada

