Senior / Fresh Graduate Firmware Development Engineers

Job Description:
Be part of a team in creating state-of-the-art Secure Low Power SoC ARM-based IC/SoC for the wired and wireless connectivity market in a Product Line environment.

Responsibilities:
- Part of a team to develop firmware for validation of ARM-based MCU on FPGA and product IC.
- Develop embedded Firmware of ARM Cortex family of CPU with and without RTOS.
- Develop, enhance and debug new and existing low-level real-time firmware in C.
- Design and implement protocols to validate the functionality of subsystem and wired peripherals communications IP like I2C, SPI, SDIO, UART, TIMERS and other protocol is an added advantage.
- Familiar with the embedded microprocessor design process: compilers, debuggers, IDE and source code development and control.
- Knowledge and experience with lab equipment: Oscilloscopes, power supplies, multi-meters.
- Familiar with IC Design flow from FE to GDS2 will be useful.

Requirements:
- Requires BSc/MSc in Computer Engineering, Computer Science , Electrical/Electronic.
- Requires 1-5 years or more of experience in firmware development.
- Self-driven professional demonstrating a high personal interest in Quality Assurance areas of software development and committed to producing high quality work.
- Strong knowledge of C, C++, and Object Oriented ANSI C++ development on a Linux OS.
- Familiar with Verilog and System Verilog will be an added advantage.
- Knowledgeable of smart card applications, protocols, and basic knowledge of security and cryptography.
- Experience with STM , NXP or Freescale MCU will be an added advantage.
- Strong knowledge of the Linux Operating System and embedded RTOS system.
- Able to work in a team with a strong drive to excel.
- Able to work independently on a given assignment and work hard to finish on time.
- Good written and communication skills.
- Successful candidate will also be trained to be part of IC Design Verification team.

Company Name and Information: Nations Technologies Inc.
https://www.nationstech.com/en/gongsixinxi5/

Interested candidates, please submit your resume to **Singapore_HR@nationstech.com**