



Wi-Fi Software Engineer

Job description

Infineon Korea is looking forward to working with a passionate Software Engineer, specialized in Wi-Fi applications, at Bundang office in Korea.

In your new role you will:

- Implementing or integrating Wi-Fi on Android and a system that uses the Linux WPA supplicant
- Doing certification processes of Wi-Fi technology
- Understanding 802.11 family protocol
- WLAN driver, hostapd and wpa_supplicant
- TCP/IP and Networking protocols including Passpoint, Miracast, Wi-Fi direct, Voice enterprise, TDLS and so on
- Working on Firmware in small memory footprint processors
- Hands-on experiences in solving Wi-Fi & BT coexistence issue
- Identifying and debugging customer Wi-Fi/Bluetooth issues
- Handling Wi-Fi/Bluetooth related requirements from customer
- Guiding and supporting customers in development with IFX Wi-Fi solution

Profile

You are best equipped for this task if you have:

- Bachelor's Degree or above in the field of Electrical Engineering or Computer Science
- 3+ years of work experience, especially including about minimum 1+ years of technical/functional experience
- Understanding in Android system and OS
- Programming skills in C/C++/JAVA/script languages
- Experiences of Sample/Test Application programming
- Hands-on experience on Android/Linux/RTOS system
- Having teamwork, problem-solving skills, and an innovative attitude
- Intermediate level of English (both written & spoken)
- (Preferred) Familiarity with Wi-Fi related debugging tools such as packet sniffers, protocol/logic analyzers
- (Preferred) Knowledge of Wi-Fi certification and familiarity with Sigma tool
- (Preferred) Capability of sanity testing

At a glance

Location: **Bundang (Kyunggi-do) (Korea)**
Job ID: **350606**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **350606**
www.infineon.com/jobs



- (Preferred) Knowledge in RTOS - ISR, UART, SDIO, PCIE, SPI, USB
- (Preferred) Experience of SCM tools such as git

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

– Connected Secure Systems (CSS) is at the heart of the IoT –

The CSS division provides end-to-end systems for a connected, secured world – building on trusted, game-changing microcontrollers as well as wireless and security solutions. CSS delivers microcontrollers plus Wi-Fi, Bluetooth® and combined connectivity solutions (known as connectivity combos) along with hardware-based security technologies to power the broadest application spectrum spanning consumer electronics, IoT devices, cloud security, IT equipment, home appliances, connected cars, credit and debit cards, electronic passports, ID cards, and more. The division is at the forefront of computing, wireless connectivity, and trusted technologies that are helping to securely connect the networked systems of today and tomorrow.

[Click here](#) for more information about working at CSS with interesting employee and management insights and an overview with more #CSSDreamJobs.

