HI!
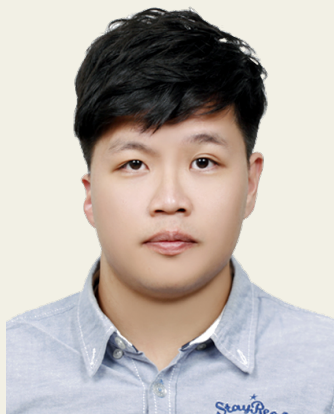
My name is Kevin and I am currently working at INCX, mainly resonsible for MCU with peripherals. I had also worked at ASUS as a BSP SW engineer and focused on NFC development.

I believe that my extensive experience in NFC and embedded system makes me an ideal candidate to work with you.

Apply for，Embedded SW/FW Engineer, FAE, Testing Engineer, Project Manager

Profile

Name	Kevin (Chun-Huai Fu)
Gender	Male
Age	30
Title	Embedded FW Engineer

Education

Bachelor (Graduated)   NCKU
Aeronaumic & Astronaumic Engineering Dep.

Master (Graduated)   NCKU
Aeronaumic & Astronaumic Engineering Dep.

Personality & Strengths

`Teamwork` `Responsibility`
`Open-minded` `Love to learn`
`Adaptive` `Optimist`

Contact

📞 +886 911-632-477

✉️ kevins86051@gmail.com

🏠 12F.-10,
No. 936, Zhonghua Rd.,
Yongkang Dist.,
Tainan City 710033,
Taiwan (R.O.C.)

Working Experiences

ASUS - BSP Software Engineer (NFC)   *2015/12~2019/4*

- Chip: NXP PN544/PN548C2/PN553/NQ210/NQ310
- Vendor driver porting and hardware bring up
- Android framework (HAL/manager/service..etc) porting/implement
- Unit/Stress test (Read/Write/P2P/Card Emulation) tool
- Factory production support and auto test tool
- Custom features implement
  (ex. Dual SIM/Hot Swap/UID Emulation..etc)
- Android CTS verification and test
- SWP/HCI certification (tested in SGS)
- GSMA API implementation
- Research on NCP command and memory conetent for card mode

INCX - Embedded Firmware Engineer (MCU)   *2020/4~*

- Chip: STM32 and BGM210P
- MCU (Cortex-M33) porting and hardware bring up
- Peripheral interfaces control (GPIO/I2C/SPI/UART/JTAG)
- Product specification document writing
- OLED Display UI development
- Communication protocol with Host (ARM)
- Peripherals porting and implement: NFC/BT/Sensors/Power/Battery/
  Button/LED/OLED/Flash/EEPROM/buzzer
- Use sleep mode at different state to achieve low power consumption

Achievements

2015
\# ION Pacific PNT conference
\# Thesis - Assessment of the Signal Time-of-Arrival Measurement for an Indoor Positioning System

2016
\# ASUS ZenPad 7.0 - NFC back cover (GPIO-expander)

2017 - 2019
\# ASUS ZenFone 4 to 7 - NFC driver and framework

2020 - 2021
\# INCX X-Ray Detector (FPD) - MCU and peripherals

Skills

\# Language

Mandarin (Native)   English (Expert)   日文 (Beginner)

\# Technology

android   NFC   MCU   Sensor

\# Tool

C   Java   Python   JS   Git   Shell