Curriculum Vitae

Son Tieu

Personal Information

- Full name: Son Thanh Tieu

- Birthday: July 06, 1988.

- Address: 640/140 Nguyen Duy street, Ward 10, District 8, Ho Chi Minh city.

- Phone: 0932522329

- Email: tieuthanhson.lpt@gmail.com

- Marital status: single

Education

- 2006 – 2010: Studying at the University of science.

    - Major: Maths and Information.

    - Thesis: Traffic simulation by Blender + Python.

Working:

- 2010 - 2014:

    - *Software Design Engineer* at *Renesas Design Vietnam Co., LTD*

Foreign Language

- English:

    - August 25, 2012: TOEIC 570.

Knowledge

- Languages: C/C++, Python, Java, C#

- Web: HTML, CSS, Javascript, Django (web framework base on Python language) and JSP/Serlet.

- Databases: MySQL, SQL Server.

Experience

1. In school:

   - Course management application by MFC.

   - Job management application by C#.

   - Image Library by JSP/Servlet.

   - Tourist website by PHP.

2. Working:

2010 – Present   Renesas Design Vietnam Co., Ltd, Ho Chi Minh city, Vietnam

Software Design Engineer

- **Project: Develop and test the SPI/Mwire driver**

  - Technical: C++, Symbian OS, device driver and hardware module.

  - Brief: The SPI/Mwire driver is used for transferring data between two boards.

- **Project: Test the CMT driver**

  - Technical: C, Linux kernel, device driver, shell script and hardware module.

  - Brief: The CMT driver is responsible for a system timer in mobile software platform.

- **Project: Develop the KEYSC driver**

  - Technical: C, Linux kernel, device driver, shell script and hardware module.

  - Brief: The KEYSC driver controls the keyboard on mobile device and notifies the pressed key to upper layer in Android OS.

- **Project: Develop the thermal sensor driver**

  - Technical: C, Linux kernel, device driver, shell script and hardware module.

  - Brief: The thermal sensor driver controls the temperature of CPU on mobile device. When the temperature of CPU is higher than threshold. The thermal sensor driver will down the frequency of CPU or stop the one CPU if mobile device two CPUs. And if the temperature of CPU is lower than threshold, this driver will up the frequency of CPU.

- **Project: Develop the audio framework**

  - Technical: C, Android and Windows Embedded Automotive 7.

  - Brief: Audio frameworks is useful for developing multimedia system on Car Information System. It's responsible for playing audio file formats (MP3, AAC, FLAC, WMA, etc.). And it's easy to integrate to GStreamer and DirectShow framework.

- **Project: Porting FreeRTOS OS on microcontrollers (RX family chips)**

  - Technical: C, FreeRTOS os.

  - Brief: Porting FreeRTOS to non-os sample application on microcontrollers (RX family chip).

8/2011 – 4/2012   Freelancer

- **Project: Online map for disable people**

  - Technical: Python, Django web framework and Google Map API.

  - Brief: Online map is a web application for disable people in order to find a place appropriated with them easily.