Pham Trong Truong

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OBJECTIVE	Embedded Software Specialist.

EDUCATION

Hanoi University of Science and Technology — 09/2004 - 06/2009
- Center for Talents Training.
- Major: Automatic Control/Control Engineering and Automatics.
- GPA: 8.15/10.

TECHNICAL SKILLS

Programming Language: C/C++.
Video Coding Format & Media File Format: MPEG2-Video/H.262, AVC/H.264, HEVC/H.265, MPEG2-TS, MP4, MKV.
OSS: FFmpeg, GStreamer, Linux Kernel, HEVC Model(HM), AVC Joint Model(JM).
OS & Tool: Windows, GNU/Linux, Emacs, Vim, Altium (PCB design).
Other: Microcontroller (8051, PIC, AVR), Raspberry Pi, OpenMAX IL.

FOREIGN LANGUAGE

Vietnamese: Native
English: Intermediate
Japanese: ~ N2

EMPLOYMENT HISTORY

VTI Co Limited (http://vti.com.vn/ — 08/2018 - Present
- Job Title: Software Engineer.
- Job Description: Design, Coding.

FPT Japan (https://www.fpt-software.jp/fpt-japan/) — 07/2013 - 07/2018
- Job Title: Software Engineer, Bridge SE.
- Job Description: Design, Coding, Offshore Management.

FPT Software Ha Noi (https://www.fpt-software.com/hanoi/) — 07/2009 - 07/2013
- Job Title: Software Engineer.
- Job Description: Design, Coding.

Binh Anh Electronics (http://binhanh.vn) — 11/2007 - 02/2009
- Job Title: Embedded Software Developer.
- Job Description: Design, Coding.

EXPERIENCE

Linux Kernel BSP. — 5/2018 - 7/2018
Investigate issue when upgrading Linux kernel 3.18.24 to 3.18.82 on SOC of customer.
- Responsibility.
- Design, Analysis USB module.

eT-Kenel BSP. — 10/2017 - 04/2018
Porting (design, coding, testing) HD-DMAC, HS-SPI, I2S, ENC/DEC driver on eT-Kernel to new SOC of customer.
- Responsibility.
- BrSE (Communicate between offshore team and customer).

CAN-USB tool.   04/2017 - 10/2017

Develop tool which instead of ECUs in CAN network to test Automotive Head Unit.

- Responsibility.
    - BrSE (Communicate between offshore team and customer).

4K Camera Recoder.   08/2015 - 04/2017

Develop core video encoder of security & professional camera, supports MPEG2-Video/H.262, AVC/H.264, HEVC/H.265.

- Responsibility.
    - Video Encoder (Coding, Testing, Bugfixing).

4K Digital Television.   07/2013 - 07/2015

Develop firmware of 4K digital television, supports MPEG2-TS, MP4 file format.

- Responsibility.
    - Test Program.
    - Demuxer.

TIVI-Driver   02/2013 - 06/2013

Testing linux device driver (GPIO, Timer, SPI, I2C).

- Responsibility.
    - Test Program.
    - Testing.

G-BOOK   09/2012 - 02/2013

Develop telematics subscription service in car system.

- Responsibility.
    - Develop feature display received message from call center.

Android4.0 (ICS) BSP BugFixing   04/2012 - 09/2012

Resolve problem of linux driver, media framework when upgrading from Android 2.3 to 4.0.

- Responsibility.
    - Testing SPI, I2C, GPIO driver.
    - Fix bug driver & media framework.

Audio Video Decoder   08/2009 - 04/2012

Develop firmware of digital television (Digital Video Broadcasting - Terrestrial).
Support trick play (slow, fast) with MP4, MKV, ASF, AVI file format.
Design firmware by API of OpenMax-IL and integrate to Stagefright (Android Media Framework).

- Responsibility.
    - AVC/H.264 decoder.
    - Commonly support member as technical leader.

Utility Management System (Binh Anh Electronics).   11/2007-02/2009

Using PIC16F877A, RF module, LED 7 Segment to develop some utility solution.

- Responsibility.
    - Design, Implement firmware & PCB.

OTHER ACTIVITY   *Blog (Vietnamese only):* https://vcostudy.com
                            Hobby project: https://github.com/truongpt

HOBBY   History, Physics, Beer.