

## Pham Trong Truong

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Birthday: 02/09/1986  
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<b>OBJECTIVE</b>	Embedded Software Specialist.	
<b>EDUCATION</b>	<i>Hanoi University of Science and Technology</i> • Center for Talents Training. • Major: Automatic Control/Control Engineering and Automatics. • GPA: 8.15/10.	09/2004 - 06/2009
<b>TECHNICAL SKILLS</b>	<i>Programming Language:</i> C/C++. <i>Video Coding Format &amp; Media File Format:</i> MPEG2-Video/H.262, AVC/H.264, HEVC/H.265, MPEG2-TS, MP4, MKV. <i>OSS:</i> FFmpeg, GStreamer, Linux Kernel, HEVC Model(HM), AVC Joint Model(JM). <i>OS &amp; Tool:</i> Windows, GNU/Linux, Emacs, Vim, Altium (PCB design). <i>Other:</i> Microcontroller (8051, PIC, AVR), Raspberry Pi, OpenMAX IL.	
<b>FOREIGN LANGUAGE</b>	<i>Vietnamese:</i> Native <i>English:</i> Intermediate <i>Japanese:</i> ~ N2	
<b>EMPLOYMENT HISTORY</b>	<i>VTI Co Limited (<a href="http://vti.com.vn">http://vti.com.vn</a>)</i> • Job Title: Software Engineer. • Job Description: Design, Coding.	08/2018 - Present
	<i>FPT Japan (<a href="https://www.fpt-software.jp/fpt-japan">https://www.fpt-software.jp/fpt-japan</a>)</i> • Job Title: Software Engineer, Bridge SE. • Job Description: Design, Coding, Offshore Management.	07/2013 - 07/2018
	<i>FPT Software Ha Noi (<a href="https://www.fpt-software.com/hanoi">https://www.fpt-software.com/hanoi</a>)</i> • Job Title: Software Engineer. • Job Description: Design, Coding.	07/2009 - 07/2013
	<i>Binh Anh Electronics (<a href="http://binhanh.vn">http://binhanh.vn</a>)</i> • Job Title: Embedded Software Developer. • Job Description: Design, Coding. (Part-time job)	11/2007 - 02/2009
<b>EXPERIENCE</b>	<i>3D TOF sensor.</i> Development framework and driver of 3D TOF sensor on Android. - Responsibility: In charge a part of framework.	8/2018 - Present
	<i>Linux Kernel BSP.</i> Investigate issue when upgrading Linux kernel 3.18.24 to 3.18.82 on SOC of customer. - Responsibility: Design, Analysis USB module.	5/2018 - 7/2018
	<i>eT-Kenel BSP.</i> Porting (design, coding, testing) HD-DMAC, HS-SPI, I2S, ENC/DEC driver on eT-	10/2017 - 04/2018

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: Create test program..

*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, BugFix 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.

*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>

*Side project:* <https://vcostudy.com/spj>

## **HOBBY**

History, Physics, Beer.