

CURRICULUM VITAE

FULL NAME: NGUYEN TRUNG QUANG

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I. PERSONAL INFORMATION

First name: **TRUNG QUANG**
Surname: **NGUYEN**
Gender: **Male**
Date of birth: **10^h Feb 1982**

II. WORK EXPERIENCE

✓ **From 2006 to 2009.**

- Work in R&D Group of **TOSY ROBOTIC.,JSC** (*Manufacture Toys ROBOT Service ROBOT, Industrial ROBOT*), For Electronic Specialist positions.

Main tasks:

- Development Firmware for Toys ROBOT on PIC microcontroller by C.
- Design Driver of Step Motor, DC Motor for Industrial ROBOT, Production Lines...

✓ **From Mar-2009 to Mar - 2014.**

- Work in **Applistar Vietnam Co.,, Ltd** (*Applistar Vietnam is a Japan Company, that Software, Hardware outsourcing for Japanese Customers*). For Software Lead engineer positions.

Main tasks:

- Development firmware for Embedded System by C, C++ programming language.
- Write design documents, user manual
- Testing & Debug the design.
- Assign task for other members of team
- Making Report to Manager

✓ **From Apr - 2014 to Apr -2016**

- Work in **SVMC (Sam Sung Viet Nam Mobile R&D center)**

For Lead Engineer positions (Assistant Manager)

Main tasks:

- Handle issue relate to Power Consumption, Audio, SIM, of sea projects
- Assign task for other members of team
- Making Report to Manager
- Analysis the issue in the Software of CP (Communication Processor) layer
- Contacting Vendor

✓ **From July -2016 to Sep-2017**

Senior developer at FPT Software,

Main tasks: *(development software for embedded system in Automotive).*

- Fig bug, and analysis the log in maintenance phase for CMA projects
- Development Driver for Embedded system in C (GPT, ICU, CAN, SCI).
- Development bootloader in C for Secure download system Projects.

✓ **From Sep -2017 to Now**

- Joined to the Startup Team

Main tasks:

- Development the firmware for smarthome in C/C++ on QT

III.The Projects is Joined

- CMA project (Media Player Application for Automotive)
- Developing MCAL Autosar Drivers, (GPT, ICU, CAN, SPI, MCU).
- Developing software for sBL in Secure Download system
- Developing software for Data Transferring via Optical system.
- Developing software for Sensor Data Collection Systems

IV. TECHNICAL SKILLS

- Program proficiently many kinds of Microcontroller, such as 8051, AVR, STM32 PIC, Arm, Power PC
- C, C++, ASM.
- Able to use hardware tool to debug in the Development Software, such as TRACE 32 Lauterbach for ARM, CANoe Vector, Power PC, St-link for STM32, pickit2 for PIC...
- Analyze, testing, debug...
- Have good use of Measurement devices : Oscilloscope, Analog Signal Generator,

Spectrum Analyzer (Agilent)

- Solid knowledge of Electronic Circuit.
- Be able to Study.
- Word and Excel, Visio, Power Point
- Able of Calculating, Analyzing the electronic circuit (Analog, Digital).

V. Tool used for developing

- Git, Jira, Harmony, Sourcetree
- QT, Eclipse, Mplab, CCS for PIC, AVR Studio, Aduino
- Compilers: GCC, Diab, Green hill.
- QAC Misra C 2014

VI. Foreign Business Trip.

- Visited Austin US to co-work with Customer, discussed about the Requirements of the Project for one month of the sBL project

VII. STAGE OF EDUCATION

Year	Occupation	Major	University / Company
2001 – 2006	Student	Electronic Telecommunication	Dong Do University