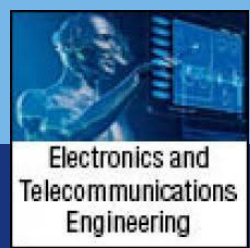




Presentation introduce about myself

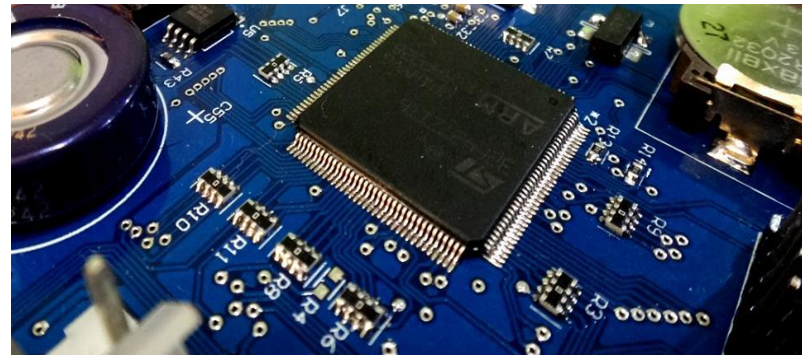
❖ PERSONAL INFORMATION

- **First name** : TRUNG QUANG
- **Surname** : NGUYEN
- **Date of birth** : February 10, 1982
- **Gender/Status** : Male / Married
- **Address** : P610, No3T5 building, Xuan Tao ward, North Tu Liem District, Hanoi
- **Mobile** : +84975861910
- **E-Contact** : nguyentrungquang102@gmail.com



Education

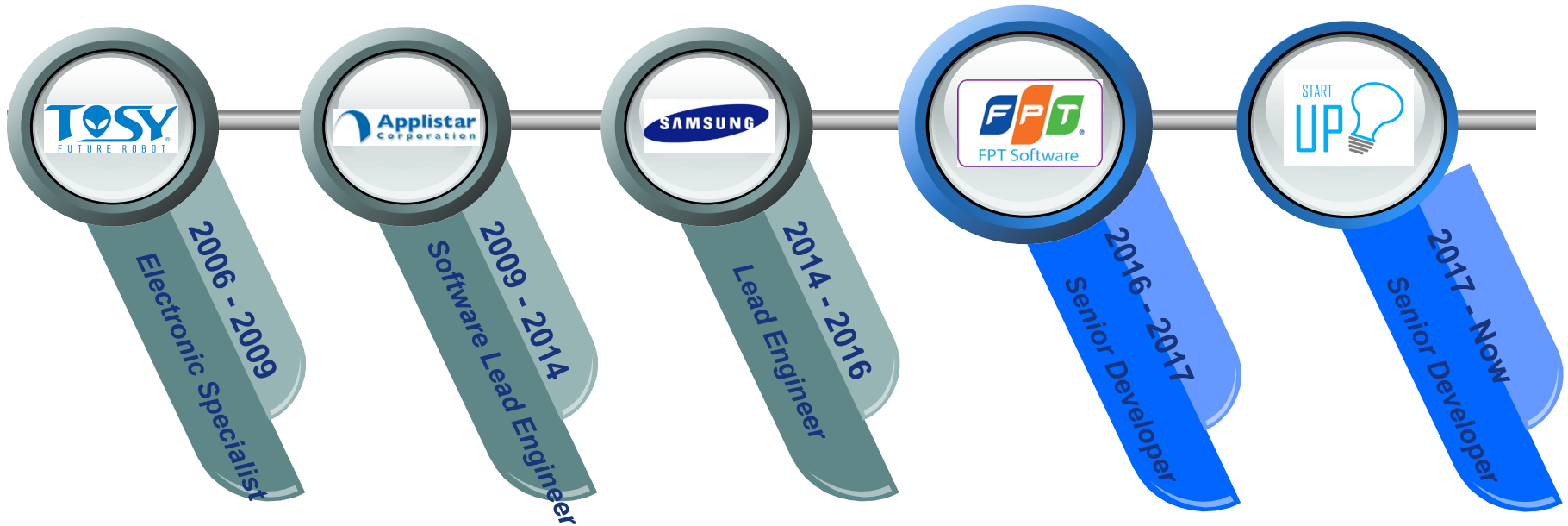
- Electronic Telecommunication Engineer from Dong Do University: From 2001 to 2006
- Good Practice online course : JavaScript on codecademy.com
- Sam Sung Test software certificates



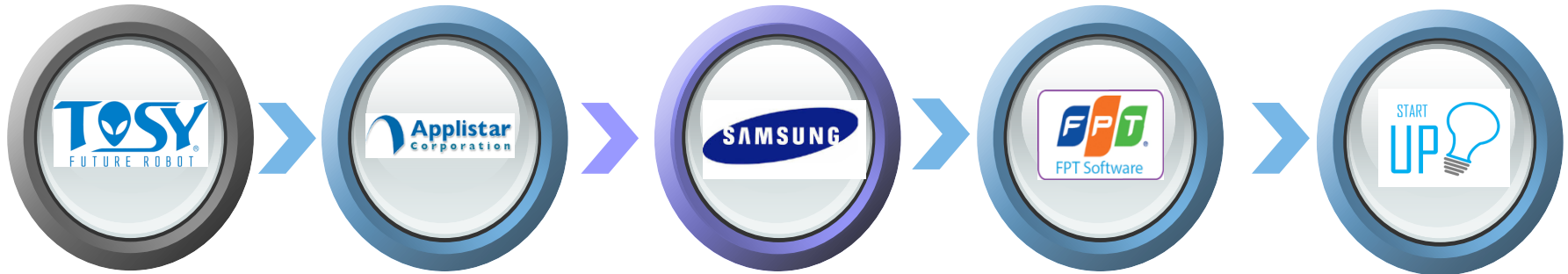


Work Experience

2009 —————> 2014 —————> 2016 —————> 2017 —————> **Now**



Work Experience



Main tasks:

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

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

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

Main tasks:

- (development software for embedded system in Automotive).**
- Development Driver for Embedded system in C (GPT, ICU, CAN, SCI)
- Development bootloader in C for Secure download system Projects

Main tasks:

- (development firmware for Mcu of smarhome project).**
- Development firmware for MCU by C++ on the QT Creator



Technical skills

Microcontroller:

- ARM, Power PC, 8051, AVR, PIC



Others:

- Electronic (analysis schematic of circuit)
- Measurement equipment (oscilloscope, logic analyzer...)
- Analysis equipment (Can vector, flexray vector)
- Microsoft Office



Programming languages

- C, C++, ASM, JavaScript



Debugging tool:

- Trace32 Lauterbach
- St-link for STM32
- Pickit2
- AVRISP





The Projects is Joined

1

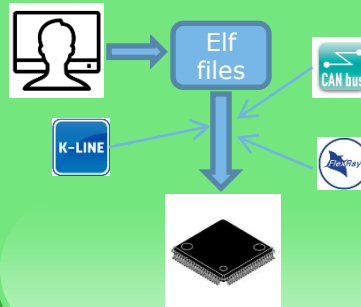
CMA Project

(Media Player
Application for
Automotive)



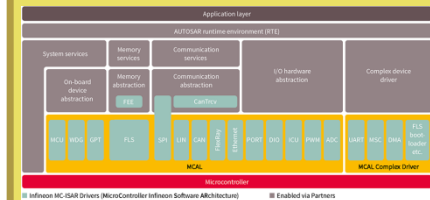
2

Secure Download system . (bootloader for download system)



3

MCAL Driver



GPT

ICU

CAN



The Projects is Joined

Other

- ❖ Developing software for Toy robot
- ❖ Developing software for Data Transferring via Optical system.
- ❖ Developing software for Sensor Data Collection Systems



Tool, Environment used for developing

- Git, Jira, Harmony
- Mplab, CCS for PIC, AVR Studio, Arduino, Eclipse, QT
- Compilers: GCC, Diab, Green hill.
- Altium PCB Designer





Thank You !