CURRICULUM VITAE

PERSONAL INFORMATION:

- **Full Name:** Dong Vo Duy
- **Gender:** Male
- **Birthday:** 12 – 02 – 1995
- **Nationality:** Viet Nam
- **Address:** Trung Doai – Cam Lac – Ha Tinh
- **Telephone:** 0989325842
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CAREER INFORMATION:

- **Years of experiences:** 2.
- **Current position:** Software Engineer.
- **Qualification:** Mechatronics engineer.

CAREER OBJECTIVE:

- **Expectation of position:** Software Engineer.
- **Expectation of salary:** 500-1000 USD
- **Working place:** Ho Chi Minh, Viet Nam
- **Type of job:** Official
- **Career objective :** I want to work in a dynamic environment, to be able to dedicate myself to work, to promote my abilities. Contribute to the company development, long-term attachment to the company.

WORKING EXPERIENCES:

- **COMPANY NAME:** Nghiên Cứu & Sản Xuất Phần Mền D6-34.
- **Date Started – Date Ended:** 9/2014 to current.
- **Working Time:**
    - **9/2014 - 9/2016:**
        - Study programming languages C/C ++ and programming algorithms.
        - Study communication protocols such as I2C, CAN-Bus, UART, SPI, Modbus-TCP/IP of ARM microcontrollers and embedded computers using ARM architecture.
        - Work on environment Linux and Windows.
        - Tools use Qt, Eclipse, Keil C or Makefile, Scons.
        - Works on boards like STM32, Beaglebone Black, Raspberry Pi, Orange Pi Zero, AR9331, Arduino.
    - **10/2016 - 11/2016:**
        - Programming robots line follower.
        - Programming language C.
        - Tools: Makefile, Eclipse.

- Using STM32F103 chip.
- Algorithm: PID controller (proportional-integral) and the interpolation sensor.

- **11/2016 – 1/2017:**
  - Programming Self-Balancing Robot.
  - Programming language C.
  - Tools: Makefile, Eclipse.
  - Use STM32F407 chip, MPU 9250 sensor.
  - Algorithm : PID controller, Kalman filter.
- **2/2017 to Current:**
  - Research field IoT.
  - Product: Environmental monitoring of vegetable growing by aquatic scene.
  - Work environment Linux.
  - Programming language C/C++.
  - Tools: Makefile, Scons, Qt, Eclipse.
  - Use framework: Alljoyn customize.
  - Building cloud computing base openfire use protocol XMPP.
  - Board STM32, Orange Pi Zero, Rasberry Pi, Beaglebone, AR9331.
  - Sensor Ph meter, SHT75, BH1750, PPM…

End.