

HUYNH NGOC THUONG

- Date of Birth November, 20th 1993
- Sex Male
- Email thuonghuynh.work@gmail.com
- Phone No. 097 381 3206
- Address Street 9, Linh Trung, Thu Duc, TPHCM



EDUCATION

- **HCMC University of Technology and Education (HCMUTE)**
Aug 2012 – Jul 2016
Electronics and Telecommunication Engineering
LEVEL : Engineering degree

WORKING EXPERIENCE

Jun 2016 – April 2018

Employee in IT department - SAIGONTECH College

Responsibility:

- Teaching elective basics, Basic IOTs
- Building Android application with Android Studio
- Programming firmware for microcontrollers: ESP8266, CC2530, ATmega328, STM32....
- Supporting students in researching in IoT Lab
- Robot projects : Srobot contest, agricultural projects, ...

Jun 2018 – Jun 2019

R&D department of factory leaf spring – THACO

Responsibility: Automatic control engineer

- Smart factory is chaired by the Ministry of Science And Technology
- Making a design plan for the control system: PLC, SCADA work with ADVANTECH
- Design remote control system for factory lights: Raspberry MQTT – App Android, IOS
- Designing a production monitoring system: Raspberry MQTT read barcode, show monitor screen, C# Database save and send production plan.
- Join in researching and manufacturing **Automation Guided Vehicle**

Join many skills classes organized by Thaco every week. Teamwork, people management, automation systems, MES, ERP, ...

Jun 2019 – Now

R&D at DONG VIET Company

Responsibility:

- Led circuit design use for bus
- Parking management software : C# winform
- Production management software : C# winform
- Emoji Play: ESP32 BLE, Led matrix show emoji icon, NRF51822/PTR5528 BLE, APP: Android, IOS control and design image
- Control on the bus: Qtcreator with Raspberry, wifi

KEY SKILLS

Softskills

- Good time management skills
- Report writing skills
- Be serious working
- Ability to find information needed to solve the job: Search, research, debug

Advanced skill

- Programming languages: **C/C++, Java, Python, C#.**
- Programming tools: **Keil uVision, Android Studio, Visual Studio, Arduino IDE, STM32CubeIDE, Visual Code, Xcode...**
- Operating systems: **Windows, Linux, MacOS.**
- Microcontrollers: **AVR (arduino), ESP8266, ESP32, STM32F, NRF51822, PTR5228....**
- PCB design tools: **Altium, Proteus...**
- 3D design tools: **Catia**
- Use basic GIT
- Understand communication standards: Uart, I2C, SPI, Modbus, LAN, MQTT, Http, Https, Socket, Tcp, Udp, Bluetooth, MESH,...

OFFICE SKILLS

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| Word | 80% |
| Excel | 80% |
| Powerpoint | 80% |
| Mail | 80% |