

## HUYNH NGOC THUONG

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- Date of Birth November, 20<sup>th</sup> 1993
- Sex Male
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## EDUCATION

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

## WORKING EXPERIENCE

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### **Jun 2016 – April 2018**

**Employee in IT department - SAIGONTECH College**

**Responsibility:**

- Teaching elective basics, Basic C,C++
- 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 UI UX with Raspberry, MESH BLE

## KEY SKILLS

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### Softskills

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

### Advanced skill

- Programming languages: **C/C++, Java, Python, C#, Swift.**
- Programming tools: **Keil uVison, 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, Autocad**
- 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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