

LE LOC MINH PHUC

Embedded System Engineer



CAREER OBJECTIVE

To obtain a full-time position as an embedded system engineer in a team environment, dynamic community and multilingual individuals.

CONTACT

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SKILLS

- Operating Systems: Windows, Linux, FreeRTOS.
- Microcontrollers: NodeMCU, MSP430G2553, TivaC with ARM Cortex M4F, ESP32
- Embedded computer: Raspberry Pi, NVIDIA Tegra K1.
- Drawing tools: AutoCAD, SolidWorks, Corel Draw, KiCAD
- Programming languages: C, C++, Python, HTML, CSS, Java, Javascript.

LANGUAGES

- Vietnamese - Native.
- English - Fluent
- French - Beginner.
- Japanese - Beginner.

WORK BACKGROUND

Embedded System Engineer

ATIM RADIOCOMMUNICATION

DECEMBER 2019 - MAY 2020

- *I design schematic and PCB for a project using modules and ESP32 microcontrollers.*
- *I program firmware for ESP32 using ESP-IDF framework, which is based on FreeRTOS, to communicate with GPS module, Accelerometer, LoRa and Sigfox modules.*

Research Intern

LABORATOIRE D'ELECTRONIQUE, ANTENNES ET TÉLÉCOMMUNICATIONS (LEAT)

MARCH 2019 - SEPTEMBER 2019

- *I implemented Embedded Artificial Intelligence algorithm on a low-power FPGA called Himax HM01B0 UPduino Shield.*
- *I combined the FPGA device with LoRa to build a wireless sensor network with the FPGA.*

Teaching Assistant

MAKER INNOVATION SPACE DANANG

JANUARY 2018 - JULY 2018

- *My team collaborated with the company to work with the project Design an IoT LoRa Gateway for Self-study Space Management System at Smart Campus for my graduation project.*
- *I helped STEAM teachers to guide students and technical users how to use equipments and machines at the company.*

Technical Staff

LOC VINH LOI

JUNE 2015 - JUNE 2016

- *I worked as a drawing assistant who transferred electricity system design from draft version to AutoCAD.*
- *I detected and repaired errors in AutoCAD drawing.*

ACADEMIC TRAINING

Polytech Nice Sophia - Université Côte d'Azur

MASTER 2 IFI IN UBIQUITOUS NETWORKING AND COMPUTING.

SEPTEMBER 2019

Danang University of Science and Technology - The University of Danang

BACHELOR OF EMBEDDED SYSTEM

AUGUST 2018