



## BUI LY TAN DUNG

EMBEDDED SOFTWARE ENGINEER

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02/08/1999

## Objective

### Introduction:

Hello, my name is Dung. I've graduated HCMC University Of Technology And Education.

I'm a person who is responsible for tasks. I am always moving forward in work and learning. My desire can become a good developer in the embedded software automotive field.

I hope can develop in a dynamic environment and contribute to my knowledge to this environment.

### Career goal:

- Short - term goal: Quickly adapt to the company's technical requirements.
- Long - term goal: Learn, gain experience, practice skills to work efficiently. Raise my level.



## Education

HCMC UNIVERSITY OF TECHNOLOGY AND EDUCATION

2017 - 2021

Control and Automation Engineering Technology

GPA: 7.38/10



## Work experience

EMTEK

09/2020 - Present

Upfront Sensor

Team size: 15

- Using tools Visual studio, Cantata.
- Knowledge of Git, Jira.
- Have advanced C/C++ knowledge.
- Have knowledge of Autosar.

PROJECT

04/2020 - 08/2020

6 DOF Robot

Team size: 2

- Design and basic control a robot using AC servo and Aduino
- Using tools Visual studio



## Skill

### C and C++ Language

- Pointer.
- Understand about Compiler Process ( (Pre-processor, Compile, Assembler, Linker).
- Segment of Memory.
- Struct, Union.
- Macro, Inline Functions, Function.
- Storage Classes: Static, Extern.
- Memory managements : Malloc, calloc, releasing memory.
- C++: OOP, Class, Virtual function, Template.

### Embedded System

- Microcontroller/sensor.
- Have knowledge of : UART, SPI, I2C , Timer, Interrupt.
- Basic knowledge of MCAL in AUTOSAR.

### Software

- VSCode.
- Visual Studio.

# Soft Skill

- Logical thinking.
- Problem analysis.
- Teamwork skills.
- Self-management.



## Certifications

2021

TOIEC Certificate with 650 score.