TA QUANG DUY

Embedded Developer

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DOB: 19/12/1997

CAREER SUMMARY

I am a programmer and technicians with around 6 month in developing CNC system. When product pictures were sended to me, I will write program for robot arm works with product is statue or use G-code to write program with simple product. I have a deep understanding of C, G-code, Python and Assembly. If given the opporttunies, I hope to join and work here.

PROFESSIONAL PROJECTS

Graduation Project — **Military Technology Academy**

09.2020 – 05.2021

Design of target trajectory control system for tracking system use the camera

Responsility:

- Design a model of beer-carrying vehicle and a rack for the vehicle to operate
- Installation of rack and vehicle models
- Programming for Adruino to operate orbit for the vehicle
- Program the remote control by nRF24L01

Technologies:

C | Adruino | nRF24L01

Automation Engineer And CNC — **MINH QUAN Paniting Company**

05.2022 – 12.2022

Develop ang maintain CNC system

Use g-code to write simple code for simple CNC to run maintain HW for CNC system

Responsility:

- Use an application that supports the simulation of cutting and exporting the file
- Maintain HW for CNC system

Technologies:

C | CNC | PLC

EDUCATION

FPT Software Academy

03.2023 – Present

Fresher Embedded Developer

MINH QUAN Painting Company

05.2022 – 12.2022

Automation Engineer And CNC

Military Technology Academy

08.2015 – 02.2022

Control Engineering And Automation

SKILLS

Language:

- C
- Python
- Assembly

Tool:

- Adruino IDE
- IAR
- DevC++
- Git
- …

LANGUAGE

English – Base communication

Fresher Embedded Developer **FPT Software Academy**

03.2023 – Present

Project name: Parse file FAT

- Analyze the data regions of FAT which include FAT12, FAT16 and FAT32
- Read data of the directory, enter the directory, read the context of short file and read context of long file
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Project name: Bootloader

- Configure the function of the microcontroller and perform task such as erasing flash memory, read and write data to flash memory, handling UART interrupt, checking and update driver, backup and restore application.
- Develop embedded application for the ARM Cortex-M0+ microcontroller, FRDMKL46Z4
- https://github.com/duy-tq/assignment-16.git
- Technologies:

C Assembly

INTEREST

Reading book

Playing Batminton