Voong Tieu Phuong

Embedded Software Engineer

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OBJECTIVE

As a final-year student majoring in Electronics and Telecommunications Engineering, I am seeking an Embedded Software Intern position where I can apply and further develop my skills in C/C++ programming, microcontrollers, and hardware interfacing. I aim to work in a professional engineering environment to gain hands-on experience through real-world embedded projects and contribute to the team with a strong learning attitude and sense of responsibility

EDUCATION

Ho Chi Minh City University of Technology   October 2020 - Now

Electronics and Telecommunications Engineering

Anticipated graduation: October 2025

CERTIFICATIONS

Microcontroller Embedded C Programming: Absolute Beginners (Udemy)   2024

C Programming For Beginners - Master the C Language (Udemy)   2024

PROJECTS

Module remote I/O Using Modbus protocols   3/2025 - 5/2025

Member

- Layout PCB
- Control I/O
- Create library to interact modbus

Electronic Lock System   8/2024 - 5/2025

Member

- Established UART communication between two microcontrollers
- Touch and fingerprint sensor
- Low power, PWM

Electronic Scale using STM32F103C8T6 and Loadcell   9/2024 - 12/2024

Personal

- Designed hardware and programmed in C to display weight on an LCD
- Calibrated sensor input and implemented signal noise filtering

SKILLS

Programming Languages:	C, C++
Microcontrollers:	STM32, AVR, ESP32, Renesas RA Family
Communication Protocols:	UART, SPI, I2C, Modbus
Tools:	Keil, CubeMX, e2 Studio
Soft skills:	Teamwork, logical thinking, basic English communication
Others:	Github, Jira

REFERENCES

Pictures of Team project:
https://drive.google.com/drive/folders/1pHiXEQ9t7ZZxObvxgxKZ_kSMEv1Cr1c9?usp=drive_link

Github: https://github.com/Funology0612

Linkedin: https://www.linkedin.com/in/tiểu-phương-vòong-a053402b1/