



NGUYEN PHI HAO

Embedded Software Engineer

I am a fresher with a strong passion for C programming. As a person who likes to explore, create and always have breakthrough ideas, I hope that I can work as the fresher position in your company. Because It help me know that the knowledge which need investigate to improve my productivity.

CONTACT

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EDUCATION

HCMC University of Technology and Education

2017- Present

- **Major:** Electronics and Communications Engineering Technology

SKILLS

Programming Languages

- C: Pointer, Struct, Union, Memory, Mapping, Extern.
- C++: OPP, Class, Namespace.

Programming Microcontroller

- Arduino, PIC, STM32.
- Knowledge about I2C, SPI, UART.
- Knowledge of ADC, Interrupt, GPIO, Timer.

Language

- Basic English communication skills.

Other Skills

- Using Git.
- Google Test, Google Mock.
- Microsoft Office.
- Work independently or in groups.
- Analytical ability and creativity.
- Understanding of digital fundamentals.

EXPERIENCE

PROJECT: GPS NAVIGATION SYSTEM DISPLAYED ON LCD

March 2021 - June 2021

- Using PIC16F887 microcontroller and C programming language to control the device.
- Writing reports, build algorithm diagrams, design hardware connections. Incorporating microcontrollers into power electronic circuits.
- Design of principle circuits, simulations. Construction of printed circuits, measurement and comparison with simulations.

PROJECT: GPS NAVIGATION SYSTEM DISPLAYED ON LCD

August 2021 - July 2022

- Using ESP32 microcontroller and C programming language to control the device.
- Writing reports, build algorithm diagrams, design hardware connections.
- The system alerts the temperature and sends the data to the app.

ACTIVITIES

- Join the walking program for the poor in Thu Duc District.
- Participate in supporting the 2019 Population and Housing Census.