



# PHAM NGOC THE HUY

INTERN

## CONTACT

☎ 0915908328

✉ EEACIU22210@student.hcmiu.edu.com

📍 Tan Hanh Ward, Bien Hoa City, Dong Nai Province

## EDUCATION

2022 - PRESENT  
HCM INTERNATIONAL UNIVERSITY

- Control Engineering & Automation

## SKILLS

- Teamwork
- Time Management
- Multi-tasking
- Flexibility

## LANGUAGES

- Vietnamese
- English

## PROFILE

A control and automation student with hands-on experience in PLC programming, arduino-based sensor project, and drone control systems, eager to apply for experiences and technical skills in a real-world engineering environment.

## PROJECTS

- **Arduino based Vtol system** 01/06/2023 - PRESENT  
dRehmflight VTOL
  - Develop and apply new control algorithms for each type of vehicle.
  - Modify the base code for better motor control protocols and response.
  - Monitor the vehicle's responses to give out better PID tuning and controlling.
- **Arduino based multimeter** 03/02/2025 - 3/06/2025  
Sensors and Instrumentation
  - Select suitable components.
  - Design and fabricate the casing.
  - Develop a switching system, calculate functions and calibrate the outputs
- **Capstone design** 11/11/2024 - 23/06/2025  
Double hulled trash collecting boat
  - Select materials.
  - Design and fabricate the general structure of the boat.
  - Develop a control system as well as a powering system and a wiring diagram.
  - Monitor the boat's performance for further developments.



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## WORKING EXPERIENCE

Despite having no practical working experience, i have accumulated some technical skills from many university subjects such as: PLC programming, Digital logic design, Sensors and Instrumentation,...