



# Hoang Tang Thong

FRESHMAN

## EDUCATION

**2022 - 2025: Huong Tra High School, Hue City**

- High School Diploma
- Member of the School's Informatics Team for Excellence (2024).

**2025 - Present: University of Science and Technology (DUT)**

- Pursuing in Electronics and Communication Engineering
- GPA: 3.67

## EXPERIENCE

**Member of High School Informatics Team (2024)**

- Selected to the school's elite team for the Provincial Competition for Excellent Students.
- Intensively practiced competitive programming (Python/C++) and advanced algorithms.
- Developed strong problem-solving skills and logical thinking under high pressure.

**Leader - Maze Runner Robot Project (2026)**

- Led a team to design and build an autonomous maze-solving robot using Arduino and ultrasonic sensors (HC-SR04).
- Implemented and optimized a right-wall-following algorithm for real-time navigation in maze environments.
- Designed hardware architecture (Arduino Uno, L298N motor driver, multi-sensor layout) and ensured stable system integration.
- Debugged sensor noise and motion instability, improving navigation accuracy and consistency.
- Developed problem-solving, system thinking, and team coordination skills under technical constraints.

## SKILLS

**LANGUAGES:**

Vietnamese (Native), English (Elementary/Intermediate).

**SOFTWARE:**


Programming: Basic C/C++, HTML, CSS.  
Software: Microsoft Office (Word, Excel, PowerPoint), Canva


## PROFILE


I have a deep curiosity for high-tech electronics and a strong desire to master English.

This portfolio is where I share my learning journey and the small projects I build along the way.

## CONTACT

 Huong Tra, Hue City, Vietnam

 thong.hoangtang@gmail.com

 0385517326

## INTERESTS

SPORTS:

Football, Badminton, Swimming.

PASSIONS

High-tech Trends, Leisure Activities, Practical Observation.