

# Phan Xuan Anh Tu

Ho Chi Minh City

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## Summary

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A HCM University of Technology undergraduate student who is enrolled in the Control and Automation. Searching mostly for Embedded Software Engineer positions.

## Education

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### Ho Chi Minh University of Technology

**Specialized:** Automation and Control

**GPA:** 7.49/10

Ho Chi Minh, Viet Nam

2020 - 2024 (expected)

## University Projects

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### Controlling STM32 micro-controllers by GUI

PC-Based Measurement and Control

**Description:** Programming STM32 micro-controllers to interface with PC using instruction set by UART and design a GUI to monitor data.

**Accomplishments:** Know more about C# and ASP.NET MVC.

**Language:** C, C#.

**Responsibilities:** Requirement analysis, design and implement project.

Ho Chi Minh City, Viet Nam

March 2023 - now

### First Prize at Robocup Speedometers competition held by HCM University of Technology

Ho Chi Minh University of Technology

**Description:** Using STM32 microcontroller family to control the robot to detect lines, track lanes, avoid obstacles, pick up small object.

**Accomplishments:** Learn how to read documentation, extend my knowledge in C programming

**Language:** C.

**Role:** Requirement analysis, design and implement project.

Ho Chi Minh City, Viet Nam

June 2022 - July 2022

### Misterizer control circuit

Micro-processor subject

**Description:** Design a circuit to monitor temperature and moisture and to control the misterizer using 8051.

**Accomplishments:** Acquired basic knowledge about assembly, know how micro-controller works

**Language:** Assembly.

**Role:** Requirement analysis, design and implement project.

Ho Chi Minh City, Viet Nam

March 2022 - May 2022

## Skills

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**Programming**

- C/C++
- C#(ASP.NET MVC)

**Miscellaneous** Linux, Git.

**Soft Skills** Adapt ability, Self-learning.

## Languages

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**English** Professional proficiency

References available upon request.