

TON THAT HAI

C++ Software Engineer



About Me

Aspiring C++ software developer with a passion for problem-solving and a commitment to continuous learning. Dedicated to crafting efficient and reliable code for innovative solutions



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Danang City, Vietnam

EXPERIENCE

Hitachi Vantara Vietnam

Embedded internship

7/2023 - Present

EDUCATION

Danang University of Science and Technology

Computer Engineering

2020 - Present

Quoc Hoc Hue High school for the Gifted

IT Class

2017-2020

LANGUAGE

- English
- Vietnamese

AWARD

Vallet Scholarship

8 / 2023

Top 4 AI4LIFE CONTEST

4 / 2023

Comprehensive Excellence Scholarship

11 / 2022

ICPC Programming Contest "Mien Trung - Tay Nguyen"

10 / 2022

Top 3 PIONEER ETE AUTORACE 2022

7 / 2022

EXPERTISE

- Management Skills
- Creativity
- Leadership
- Algorithm solution
- Embedded
- C++/Matlab

PROJECT

Smart Garden (12/2022 - 1/2023)

Client	Pioneer Club Project
Descriptions	New Year flower care system using ESP8266 and Socket.io
Number of members	5
Position	Manager, sensor tester, system designer
Responsibilities	<ul style="list-style-type: none">• Project management, progress tracking• Solution support for members
Technology in use	<ul style="list-style-type: none">• Socket.io• Wifi in ESP8266

Line Following Robot (04/2022 - 5/2022)

Client	To join ETE Autorace 2022 organized by Pioneer Club and the Faculty of Electronics and Telecommunications
Descriptions	This car uses an Arduino Uno microcontroller and PID algorithm for the robot to follow the white line and complete checkpoints
Number of members	4
Position	Manager, sensor tester, PID algorithm
Responsibilities	<ul style="list-style-type: none">• Project management, progress tracking• Dividing tasks among members• Learn about PID algorithm
Technology in use	<ul style="list-style-type: none">• GPIO,• Timer in Arduino Step motor• PID Algorithm