Ton That Hai

C/C++ Developer Intern

Name Ton That Hai
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Overview

I am a final-year computer engineering student. I want to work in C++ Software in Embedded, I have a good background in C++, data structures, and algorithms.

Education

10/2020 – Present
Da Nang University of Science and Technology
- Computer Engineering
- GPA: 3.67/4

8/2019 – 7/2020
Quoc Hoc Hue High School for the Gifted
- IT class

Skills

Main
- C/C++

Other
- Python
- Matlab

Awards

04/2023
AI4LIFE CONTEST (Counting pedestrians in Video)
TOP 4: https://tinyurl.com/2p7sdq69

11/2022
Comprehensive Excellence Scholarship and typical students prize in 2021-2022
Awarded by the Electronics and Telecommunications of DUT

10/2022
ICPC Programming Contest "Mien Trung - Tay Nguyen"
Second prize in the non-specialist block: http://dut.udn.vn/Tintuc/Tintuc/id/7680

06/2022
PIONEER ETE AUTORACE 2022
Third prize: https://tinyurl.com/2nmrycbz

12/2021
PIONEER CODE CONTEST 2021
First prize: https://tinyurl.com/2hx2x3o4

11/2021
Typical students prize in 2021-2022
Awarded by the Electronics and Telecommunications of DUT

🗂 Projects

Count the pedestrians

(02/2023 - 03/2023)

Client	To join AI4LIFE Contest organized by DUT
Descriptions	Counting pedestrians in a 2 minutes video
Number of members	3
Position	Manager, Parameter optimization
Responsibilities	• Project management, progress tracking • Dividing tasks among members • Learn about OC-Sort algorithm • Parameter optimization
Technology in use	• Yolov8 • OC-Sort Algorithm

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	• Project management, progress tracking • Solution support for members
Technology in use	• 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	• Project management, progress tracking • Dividing tasks among members • Learn about PID algorithm
Technology in use	• GPIO, Timer in Arduino • Step motor • PID Algorithm

Manage Library

(03/2021 - 5/2021)

Client	PBL in class
Descriptions	Manage books in the library using C++
Number of members	3
Position	Manager
Responsibilities	• Project management, progress tracking • Dividing tasks among members • Learn how to manipulate 'scv' files
Technology in use	• Use file ".scv" to database • Use OOP