TRAN NGOC VY

EMBEDDED SOFTWARE DEVELOPER

CONTACT

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EDUCATION

Ho Chi Minh City University of Technology

Oct 2021 - Nov 2025

GPA: 3.2/4.0

TECHNICAL SKILLS

- **Programming Languages**: C, C++, Python...
- **Reporting**: latex...
- **Framework**: Flutter,...

SKILLS

- Good **communication** skills, able to work in a team environment, multi-task
- Well **organization** and **support** team members, team work
- Ability to **quickly adapt** to a changing environment
- Knowledge of **Microsoft Office, Adobe, Figma**
- Languages: **English** (TOEIC 685 LR)

SUMMARY

Currently, as a student of **computer engineering**, I am seeking for internship opportunities about **Embedded Software Developer** or related sector. An enthusiastic learner, I am looking to enhance my practical knowledge in the information technology sector.

PERSONAL PROJECT

Feb 2024 - Present

Smart Farm implement gateway and mobile app

In addition to irrigation, fertilizing the solution is also essential. **Scheduling** fertilizer irrigation at different rates is done and **allows users to schedule** it right on their **smartphones**. Besides, the garden is also equipped with a number of sensors to monitor the current status and display on the application.

Keywords: Python, link list, OOP, round-robin, sensor, Modbus485, adafruit-io, flutter

Oct 2023 - Dec 2023

Snake Game on Board STM32

Snake Game is a game familiar to everyone, is implemented using a **microcontroller**. Snake game with many **different levels** of play from classic to timed... Player control operations can be performed via **touch screen** or **buttons**.

Keywords: microcontroller, scheduler, sensor, touchscreen, C program language, adafruit-io

Oct 2022 - Dec 2022

Restaurant operation implement with OPP

Restaurant operation is a simulate the processing of reservation requests and seat placement sit for customers in a restaurant through predefined commands.

Keywords: OOP, C++, link list, avl tree, bubble sort, shell sort, stack and queue, recursion