



Trieu Ngoc Phan

Software Developer



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About Me

I am a developer with electronic and telecommunication background. I am passionate in developing embedded systems, especially for smart devices and IoT. I love solving programming problems, collaborating and learning from excellent people

Career Objectives

Seeking a job opportunity for an entry level position as a software engineer for improving skills of building embedded system and IoT system.

On-going Courses

Networking Fundamentals
Autosar Architecture
Winform Application

Language

English: Professional Working Proficiency

EXPERIENCE

Software Developer

06/2021 – Present

FPT Software – Da Nang

Yanmar Project

This project built a system on tractor for interacting with physical devices on it using CAN bus as standard transmitters for system.

- Implement UI of Screen based on Projektor Framework and Interaction with UI by JavaScript on Tractor.
- Design and Implement CRC Checksum for system
- Implement Session Layer of OSI model using Boost Library on Linux Kernel
- Writing UT, IT and Automation tests for system.

Aisin Project

- Built functional model to receive data from service and handle to display UI
- Implement UI using qml QtQuick and JavaScript
- Create Common Component as Template for UI system when using qml

EDUCATION

B.S in Electronic and Telecommunication

09/2017- 06/2022

Da Nang University of Science and Technology (DUT)

Capstone: Industrial Zone Environment Monitoring and Controlling System

- **Coursework:** Computer Architecture, C/C++ Programming Languages, FPGA, Image Processing, Circuit Analysis
- **Projects:**
 - Swift Birds Monitoring System (Tech stack: MQTT, Node-red, Python, C/C++)
 - Water Level Monitoring System (Tech stack: STM32F4, C/C++)
 - Design ALU 8-bit (Tech stack: FPGA, VHDL)

SKILLS

Programming Languages

- C++
- Java Script
- Python
- VBA

Technical

- Unit Socket/Network
- Linux/Docker
- Memory Management
- Pattern Design
- Qt / VS Code
- Git

Professional

- Collaboration
- Communicating
- Problem solving
- Adaptability
- Self-learning

CERTIFICATE

Functional Programming in C++ (Udemy)

C++ in Advanced (Udemy)

Fundamental on Linux (Udemy)

Qt 6 Core with C++ (Udemy)

PERSONAL TRAINING

- Solved 94 problems on LeetCode and continuing to solve
- Solved over 60 problems on CodeSignal and continuing to solve