

Contact

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Top Skills

C#

Programmable Logic Controller (PLC)

Analytical Skills

Nguyen Duy Vinh

Embedded Software Engineer

Đà Nẵng, Da Nang City, Vietnam

Summary

As a software engineer with a hardware background and a keen interest in technology, I have developed a wide range of skills, from the hardware level up to software technologies.

I am passionate about challenging myself, for me the path of discovery and mastery is joy.

I can work with many programming languages. But C++ is my preference.

Experience

LG Electronics

3 years 10 months

HMI Functional Leader

March 2023 - Present (2 years 1 month)

Da Nang City, Vietnam

Take charge of overseeing the process of implementing GUI-related feature changes in the project.

Act as a representative for the team, engaging in communication with customers and partners to address technical problems related to GUI features.

Embedded Software Engineer

June 2021 - Present (3 years 10 months)

Da Nang City, Vietnam

Developing automotive infotainment HMI applications using Qt for embedded Linux and a service to control the user data and communicate with other in-vehicle using SOME/IP network and Inter Process Communication.

Participating in mentoring/training activities for other members.

Tapit

Robotics Engineer

May 2020 - March 2021 (11 months)

Da Nang City, Vietnam

Developing an automatic ice cream-making Robot:

- Designing the circuit system using Altium Designer software.

- Developing the software system to control Robot (step motor, sensor, ...).

Automation Contest, HO CHI MINH City

Contestant

2020 - 2020 (less than a year)

Da Nang City, Vietnam

Developing control algorithm for Automation system, using PLC Controller for motion controlling and PID for maximum accuracy.

Institute of Mechanical Technology and Automation (IMTA)

Researcher

2020 - 2020 (less than a year)

Da Nang City, Vietnam

Developing control algorithm for the robot to pick & sort foods on place required, using PLC Controller for motion controlling, OpenCV for image processing, and C# .Net for GUI software.

Education

Danang University of Science and Technology

Bachelor's degree · (2017 - 2022)