BUI MANH HUY

System Engineer

My mission on long term run is to be an engineer designing a fully functional Embedded IoT System as well as increase my knowledge about IoT devices and AI, mostly focusing on making IoT devices. Also, I want to join a company as a positive, enthusiastic member and dedicated to my work as well as take responsiblity for it.

CONTACT

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MAJORITY

PROGRAMMING:

- Language:C/C++/Assembly/Python
- IoT Devices: ESP8266/STM32
- OS: WIndows/Linux/Ubuntu

OFFICE 365: MOS Expert

LANGUAGE: ENGLISH AND JAPANESE

CERTIFICATE

IELTS: 7.0 (1/2021 - 1/2023)

JLPT: N3 (12/2023)

REPUTATION

3rd prize in MOS National (2020)

Scholarship type Good 2021.2, type Excellent 2022.1, 2022.2, 2023.1, 2023.2

REFERENCE

Tran Quang Vinh

Head of Technical Communications

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Smart Application & Network System Lab

PROJECTS

Smart Controlled Door By Wifi And RFID

3 people - Leader | Jun - Aug 2023

- Using Arduino R3 and ESP8266.
- Using HTML and JavaScript to make a web page to control door and control RFID data.
- The result is a fully controlled door by web and by using RFID card without using physical interaction.

Smart Traffic Light System

3 people - Leader | Dec 2023 - Jan 2024

- Building a traffic light by using STM32F103C8T6.
- The system was built based on Valvano's Embedded System Course ECE3319K.
- The result is a fully automatic traffic light system controlled by sensors

LoRa Image Transfer

Person | Apr 2024 - Jul 2024

- Building end devices and gateway for sending images from Raspberry Pi through LoRa Protocol
- The result is evaluating sending image through LoRa successfully, although the speed is limited

INTERNSHIP

VIETTEL DIGITAL TALENT (Hanoi)
04/2024 - 07/2024
Solution Provider

ITOKI COOPERATION (Japan)
07/2024 - 08/2024
Researcher

EDUCATION BACKGROUND

HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

Smart Embedded System And IoT | 2021 - Today

CPA: 3.73

GPA (20232): 3.65