HA
LAI MINH

Embedded programming(C/C++ and Python)

PROFILE

Fresh graduate out of Ho Chi Minh city University of Technology, with a bachelor's degree in science (GPA 7.27/10). My major is Electronic and Telecommunication Engineering, and my specialty is Embedded System Programming.

I am a highly disciplined, self-conscious person. Always searching and learning new things. And self-study has always been my guide.

CONTACT

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OTHERS SKILLS

English Communication and technical document reading skills are trained in IELTS course.

Teamwork and independent working skill has been built through many projects.

Well adapted and very sociable.

TOEIC R/L: 950 (issued 2020/12/06)

EF SET Certificate C2 Proficient (cert_URL)

ACADEMIC PROJECT

Ho Chi Minh city University of Technology
August.2017 – November.2021.

- Working with ARM Cortex-M4 MCU in TIVA-C launch-pad to create a precisely PID position control to reduce tail tweaking for flying object.

- Crawling data from a provided API and using Colab to train a YOLOV4 model, which implementation in fake logo detection for E-commerce platform.

- System structure, hardware design and manufacturing, firmware design, web base server for an Indoor Air Quality monitoring device and system. Using STM32-cortexM3 as a central processing unit, ESP chip for wireless MQTT protocol and the broker is a Raspberry Pi embedded with a database and web server.

WORK EXPERIENCE

INTEL PRODUCTS VIETNAM INTERNSHIP (Augt.2020 – Jan.2021)
Intern at Finish Inspection team, Assembly Engineer department, my work includes:

- Troubleshooting and running Automated Dimensional Visual Inspection machines.

- Writing scripts to crawl data from server and preprocessing, cleanup data to make a dataset.

- Training and test machine learning models to detect false manufacturing, outside articles on CPU unit substrate.

TECHNICAL KNOWLEDGE

Micro-processor programming(PIC, TIVA-C, STM32, ESP).
Real-time Operation System programming (FreeRTOS).
Embedded Linux environment (Raspbian).
Computer vision fundamentals.

My Github repository: https://github.com/zzhappyzebrazz