Nguyen Trong Dung
LINUX EMBEDDED SOFTWARE INTERNSHIP

Career Overview

I'm fourth-year student at Thai Nguyen of Information and Communication Technology university
I want to be a Linux Embedded Engineer and have deeply understand about Linux Kernel.

💡 Education & Training

THAI NGUYEN OF INFORMATION AND COMMUNICATION TECHNOLOGY   **08/2015 - PRESENT**
Major: Computer Engineering

- Electronics and embedded system with 8051, PIC16F877A, Arduino.
- Support ESP8266 module for Smart home project.

TRAINING ON EMBEDDED SYSTEM BARE-METAL   **06/2017 - 09/2017**
Board: Stm32, Kl46z

- Develop bare metal driver for Stm32, Kl46z: GPIO, UART, SYSTICK, NVIC, MCG
- Familiar with ARM architecture.

LINUX EMBEDDED INTERNSHIP AT FPT   **05/2019 - PRESENT**
Board: Udoo neo 6sx, Beaglebone Black

Skills and knowledge:
- + File I/O operation.
- + Process management
- + Multi Thread programming.
- + Share memory
- + Socket
- + IPC
- + Character device driver.
- + Interrupt handling.
- + System call.
- + Device tree.
- + Watchdog driver.
- + GPIO controller driver.
- + Can read and understand source code of linux kernel.

Projects:
- + GPIO controller driver for Beaglebone Black.
  - - GPIO standard in Linux kernel.
  - - Pin muxing.
  - - Interrupt controller.
  - - Device tree.
- + Watchdog driver
  - - Watchdog standard in Linux kernel.
  - - Device tree.
- + Blink led character device.
  - - Character device driver.
  - - Interrupt handling.

🏆 Achievements

Win the consolation prize in the school-level algorithm competition   **2017**

📅 20/04/1998

👤 Male

📞 0982634613

✉ ntdungembedded98@gmail.com

📍 github.com/TrongDungEmb98

ℹ https://www.fb.com/mrEmbedded

AREAS OF EXPERTISE

C/C++

JAVA

English

Embedded System Programming

Linux Embedded Programming

Teamwork and working independently

HOBBY

- ○ Programming
- ○ Reading book
- ○ Study and Sharing knowledge for others people

Receive scholarships during the semester.

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