



Pham Tuan Anh

Embedded System Engineer

CONTACT INFORMATION

📅 Sep, 3rd 1992

👤 Male

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SKILLS

Programming

Hardware

Responsibility

Teamwork

Self-study

Public Speaking

REFERENCES

Ming-Hung Chen,
Associate Professor
Department of Electrical Engineering,

Email: mhchen@mail.mcut.edu.tw
Tel: +886-2-29089899 ext: 4820

EDUCATION

Sep 2015 - July 2017

MingChi University of Technology (MCUT)

MS in Electrical Engineering

Taiwan

Sep 2010 - July 2015

Da Nang University of Science&Technology (DUT)

BS in Mechatronics Engineering

Vietnam

WORK EXPERIENCE

Sep 2015 - July 2017

MCUT

Research Assistant

Main responsibilities:

- Research on Wireless Power Transfer System.
- Assist my Professor in the research LAB.

Projects:

- **Design a personal fitness device**

Take part in writing a C program using Keil C to sample microphone input, acceleration input, temperature input, display on LCD (ST7735), output to a buzzer.

- **Design a PCB layout for a GPS tracking device using**

Altium:

Create the component library and routing.

Publications:

Paper: ***Design and Optimization of High-Efficiency Resonant Wireless Power Transfer System.***

Published in 2016_07_07_IEEE International Conference on System Science and Engineering (ICSSE2016).

Recognition and Gains:

- Strong programming skills in C for real-time control and sensor processing.
- Knowledge of peripheral buses like I2C and SPI, UART, ..., serial port, digital to analog converters (DAC), analog to digital converters (ADC), real-time operating systems, Altium, debugging tools such as bus analyzers and oscilloscopes.
- Ability to read schematics and understand the electronic circuitry.
- Familiar with ARM (STM32, TM4C), AVR, 8051, BLE, Wifi.
- Familiar with uVision Keil, Eclipse, CCS, IAR, Arduino IDE.
- Understand makefile, linked file, library, GCC...

Apr 2018 - current

Arrive Technologies

Software Developer

Main responsibilities:

- Take part in writing driver for CodeChip (FPGA) product.
- Support client.

Projects:**-80G STM SAR CodeChip(Optical Transport Network)**

Writing driver for the CodeChip using GNU and Eclipse to manage the operation of the chip. The CodeChip is used to provide the functionality of transport, multiplexing, switching, management, supervision, and survivability of optical channels carrying client signals.

- 100G STM1 SAR ODUk SAR CodeChip

Take part in writing driver for the CodeChip and go onsite for supporting the customer(ZTE)

Publications:**Recognition and Gains:**

- Familiar with Objective C programming, GDB debugger, GIT...
- Improve the public speaking skill.
- Knowledge of C++, Python.

CERTIFICATIONS

TOEIC Certificate with score 775 out of 990
2017

HONORS & AWARDS

Annual Scholarship in MCUT
2015-2017

Annual Scholarship in DUT
2010-2015