NGUYEN XUAN TUNG

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PROFILE

- I am a last year Electronics Engineering student at the Ho Chi Minh City University of Technology. I had completed all subject and ready for a full time job.

- Strong organizational skills in a variety of situations to achieve deadlines.

- Have initiative and can work independently or as part of a team.

- Get on well with people at all levels, easily making good working relationships.

- Adaptable and quick to learn new skills.

EDUCATION

Ho Chi Minh City University of Technology Faculty of Electrical and Electronics Engineering

Major in Electronics – Telecommunication

Selected Course:

- Embeded Systerm Design (7/10)
- Embeded Systerm Programming (8/10)
- Applied electronic (7/10)
- Digital signal processing on FPGA (7/10)
- Image and speech processing (9.5/10)
- SCADA (8.5/10)

PROJECT

- Musical keyboard with PIC18F4550 (use MPLAB IDE and PICC Compiler for programming)

- Temperature Recoder with ARM Cortex M4 TM4C123, LM35, SD Card and USB. Include firmware (with FreeRTOS for control thread) and Window application (code in C#)

- Denoise "salt and pepper" for image on Android device (use Eclipse IDE) write by Java

- Tele-control throung Internet: client can control home devices through system include: kit EK-TM4C1294XL of Texas Instruments (that connect to a PHP server), module PT2262 and PT2272 (RF Transmitter and Receiver), system Relay 220VAC

- Flappy Bird clone programming in Python

- Optical alignment system in pick-and-place machines that measure location of surface-mount devices using image processing by FPGA with peripheral: module camera OV7670, SDRAM, VGA (for LCD screen), RS232 (for communication with computer)

COMPUTING AND ENGLISH SKILLS

- **Applications**: MATLAB, OrCAD Capture and Layout, Proteus, Microchip MPLAB, KeilC for ARM, Visual Studio (for C#), Eclipse (for Android application), Quantus II (for FPGA Altera), XAMPP, phpMyadmin.

- **Programming Languages**: C/C++, C#, Java, Python, PHP, HTML, JavaScript, MySQL, Verilog.

- **OS**: Window, Linux, FreeRTOS

- **TOEIC 565**