PHẠM QUANG ÁNH

Electronics-Embedded Programming

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✉ fermionnet@gmail.com

OBJECTIVES

Passionate about Electronics-Embedded Programming technology, enjoy researching and creating useful, modern and valuable technology products on the market

PERSONAL PROFILE

Gender	: Male
Birthday	: 01/10/1985
Marital status	: Single
Nationality	: Vietnamese
Country	: Vietnam
Address	: Bình Trị Đông A Ward, Binh Tan District, Ho Chi Minh, Vietnam

CAREER INFORMATION

Level	: Experienced (Non - Manager)
Salary	: Negotiable
Job type	: Full time
Industry	: IT - Software, Electrical / Electronics
Location	: Ho Chi Minh

EXPERIENCE

Year(s) of Experience: 12

● **1/2021 - Now : Programmer - TCE - Full time**
- Programming and application of Holtek Microcontroller
- Programming and application of STM32 Microcontroller
- Working with SMT technology, using AOI machine

2/2009 - Now : Electronic circuit design and embedded programming - Freelance business,Thach anh,Aurio,Fivestar,Hongky,TCE - Full time

- Programming and application of all kinds of Microcontroller PIC, 8051, AVR, STM32, HOLTEK....
-Programming communication and connection of modules according to protocols I2C, SPI, RS232, CAN ...
- Programming ARDUINO, wifi boards, Bluetooth, RF, motor control, ESP8266, ESP32 ...
- Designing circuits applying IoT technology, controlling electrical equipment via the Internet, wifi, Bluetooth
-Programming ANDROID, making the App connect and transmit data with the circuit board Internet, wifi, Bluetooth
-Write App IoT to control and draw decorative led lights over the Internet according to MQTT protocol
- Write App IoT to control on / off, timer, collect sensor data of devices electricity over wifi
- Control electrical devices with Google Home speaker, write App using Google Assistant
- Designing printed circuits using Orcad software
- Have background knowledge of electronics, automatic control, applied physics
- Programming Android, making the App to connect and transmit data with the circuit board over the Internet, wifi, Bluetooth
- Writing interface software on Windows in C #, VB
- Ability to research, work independently, perfect products
- Welding, cutting, connecting, measuring signals, attaching complete component circuits, mounting power, making boxes, Mika...
- Experience working with SMT technology, using AOI machine
-Many years of experience making VDK application circuits for sale in the market with the products such as: ledsign, neonsign, or remote controlled gold price list circuit
Computer communication, real-time clock ds1307, all kinds of sensors, infrared remote or radio, halo, equalizer, amplifier, and control circuits
many types of motors .... by Microcontrol such as PIC, 8051, ARM ...
- Passionate about career, love to create, good programming thinking, 9 years experience working as products on the market.

6/2019 - 10/2020 : Programmer - Fivestar - Full time

Android programming

2/2018 - 5/2019 : Programmer - Aurio - Full time

- Programming ARDUINO, wifi boards, Bluetooth, RF, motor control, ESP8266, ESP32 ...
- Designing circuits applying IoT technology, controlling electrical equipment via the Internet, wifi, Bluetooth
-Programming ANDROID, making the App connect and transmit data with the circuit board Internet, wifi, Bluetooth
-Write App IoT to control and draw decorative led lights over the Internet according to MQTT protocol
- Write App IoT to control on / off, timer, collect sensor data of devices electricity over wifi

2/2017 - 12/2017 : Technical staff - Thach Anh - Full time

Installing a Smart Home

2/2009 - 12/2016 : Freelance business - Stay at home - Part time

Making MCU application circuits sold on the market with products such as: ledsign, neonsign, or remote control gold price board circuit
Computer communication, ds1307 real-time clock, all kinds of sensors, infrared or radio remote control, halo, equalizer, amplifier and motor control circuit of many kinds.... by Microcontroller like PIC, 8051...
- Designing printed circuits using Orcad software

EDUCATION

Highest Degree Level: Bachelor

Completion date 2006
No degree needed - Nature Science University

SKILLS

Electronic circuit design and   ★ ★ ★ ★
embedded programming