

Pham Duc Huy

Embedded Software Developer | Nam | Độc thân | 28/09/1980

Năm kinh nghiệm	7 năm
Công ty gần đây nhất	SHC với vị trí Embedded Software Developer
Bằng cấp cao nhất	Thạc Sĩ
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Nơi làm việc mong muốn	Bình Dương Hồ Chí Minh
Ngành nghề	IT - Phần mềm
Cấp bậc mong muốn	Nhân viên
Mức lương mong muốn (USD)	1,000
Phúc lợi mong muốn	Đào tạo

THÔNG TIN CHUNG

I am seeking for a C/Java/C++ developer position that work place is at Dist. 12, Dist. Tan Binh or Dist. Binh Thanh so that I could travel

from Binh Duong to company office daily.

I have 7.5 years experience as Software Developer. I have 42 months experiences programming in C which includes 23 months MCU development dedicated experiences. The project that I joined requires C programming language skills includes:

- . Implement a multithread daemon linux application processing high load data from network.
- . Implement an application layer software component in telnet and snmp protocol.
- . Port to implement a CMSIS DAP debugger device (USB, GPIO, UART peripherals knowledge)
- . Investigate and implement a demo program about IoT (MQTT technology)
- . Investigate and implement a device USB to CAN dongle (CAN peripheral knowledge)
- . Port BSP QNX drivers for Renesas RZ/A1 ARM SoC and Raspberry Pi 2
- . Port Linux BSP (uboot) for Renesas RZ/A1 ARM SoC
- . Implement embedded library access ESP8266, PN5325 module
- . Implement SHA256 algorithm for SH2A

I could consult MCU datasheet, user manual, programming manual to look for register usage, MCU architecture, clock block diagram, input/output signal characteristics... for implementation solution.

I has background knowledge of electronics engineering. I could read electronics circuit, design simple electronics circuits for example I could create a prototype board from IC (integrated circuit):

- . A load/eject CD board which build from NAND gates (no MCU

include)

- . A board to drive Microchip SPI CAN controller
- . H-Tag, a device to create a clean signal from MCU source to communicate with PC parallels port as a J-Tag like device
- . Simple circuit (include regulator) for MCU LPC2103, STM32F103

KỸ NĂNG

- C/C++
- Tdd
- Embedded - C
- Linux / Ubuntu
- Java & J2EE

KINH NGHIỆM LÀM VIỆC

Tháng 10/2016 - Tháng 10/2017

Embedded Software Developer

SHC

Work as Embedded Software Developer for below tasks:

- . QNX BSP driver programming
- . Linux BSP port
- . Embedded Firmware
- . Embedded Library (ESP8266, PN5325 RF card reader, SHA256...)

Tháng 12/2014 - Tháng 10/2016

Embedded Software Developer

Global Cybersoft

Embedded Software Developer that develop Embedded Application and Embedded Firmware. The job requires work with new technology in a limited of time. I learned research skill. For the embedded development, consulting datasheet and other related document (NXP user manual, ST programming manual, reference manual) is a challenge. I defined a simple process for basic investigate these documents to get the related information at development phase. I also could build hardware from chips (MCP2515, MCP2551)

Achievement:

- . Knowledge about ARM-Cortex MCUs (architecture, peripheral: SPI, UART, GPIO, CAN)

- . Basic knowledge about Autosar

Programing language: Python, C and C++

Platform: mbed 2.0, mbed 3.0, embedded linux

MCU: lpc1768, stm32f103, lpc11u35, others arm mcu

IDE/development tools: Eclipse, Keil C, yotta

Tháng 12/2013 - Tháng 12/2014

Software Developer

Larion

GNU Linux Software Developer that develop a multithread

application. The job is developing high performance multithread linux application. To archive high performance, I learned to use atomic functions and C struct padding for programming.

Programing language: C and C++

Platform: linux

IDE/development tools: Eclipse, notepad++

Tháng 12/2011 - Tháng 5/2012

Software Developer

ActOne

RIA application developer that develop flash applications

Programing language: Flex

Platform: Adobe Flex

IDE/development tools:Flash builder

Tháng 3/2008 - Tháng 5/2009

Software Developer

Formos VN

Java developer that develop web application

Programing language: Java

Platform: Lightweight J2EE

IDE/development tools:Eclipse

Frame work: Tapestry 4, 5

Tháng 3/2007 - Tháng 12/2007

Software Developer

FCGV

Java developer that develop web application. The job requires understanding the application by consulting the requirements, design document. Research for new technologies and conduct reports. I contributed in team to fix a critical bug and some other bugs. I independently work to create a simple product web application.

Programing language: Java

Platform: Lightweight J2EE

IDE/development tools:Eclipse

Frame work: Strut, Hibernate

Tháng 3/2005 - Tháng 12/2006

Software Developer

Gameloft

Java developer that port J2ME game. This job require ability to deal with whole source code with a limited of time to port it to a new platform and I could browse to find the related source code to fix bug in the time constraints.

Programing language: Java

Platform:J2ME

IDE/development tools:Eclipse, notepad++

TRÌNH ĐỘ HỌC VẤN

Tháng 10/2009 - Tháng 8/2013

Computer Science master program

Thạc Sĩ - University of Information Technology

Master of Computer Science (Natural language processing)

Tháng 1/2002 - Tháng 1/2006

Information Technology

Cử nhân - HCMC University of natural science

Bachelors of Information Technology

Tháng 1/1999 - Tháng 12/2001

Information Technology

Cao đẳng - HCMC University of natural science

Diploma of Information Technology

THÔNG TIN THAM KHẢO
