Công Văn

EMBEDDED ENGINEER

24/11/1998

Male

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OBJECTIVE

- Short-term: Apply accumulated experience and skills to bring value to the company
- Long-term: I want to try my hand at various positions and job types, while also learning more experiences to become a manager

EDUCATION

ELECTRONIC ENGINEERING

07/2016 - 07/2020

HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY & EDUCATION

Graduated with a degree in Electronics and Telecommunications Engineering

SUMMARY INFORMATION

- Experience with C, C# to handle embedded code, generation tool.
- Experience with MCU module.
- Familiar with Davinci, Cantata, Visual Code, CS+, Trace32, Git, SVN, Jira, Redmine, Enterpise Architect.
- Micro-Controlle : STM32F4, Raspberry Pi 4, Arduino, Renesas R-Car-S4, Renesas RH850
- Familiar working in V-Model, Scrum project.
- Experience with Driver/Gentool Unit & Integration Test

WORKING HISTORY

10/2020 - Present

BANVIEN COMPANY

PROJECT REFERENCE AND SKILL SET

EMBEDDED SOFTWARE ENGINEER

5/2022 - 12/2022

RH850 MCAL, SINGLE MAINLINE (ONSITE AT RENESAS DESIGN VN)

- Responsible for the module Mcu
- Responsible for work products from CD to IT in SVN
- Porting test suites and conduct Driver/Gentool Unit & Integration Test and failed cases analysis
- Use tools: Jira, Cygwin, Davinci, SVN, Git, CS+, Visual Studio.

EMBEDDED SOFTWARE ENGINEER

5/2021 - 4/2022

R-CARGEN4 MCAL (ONSITE AT RENESAS DESIGN VN)

- Responsible for the module Mcu
- Handle full-phase (RD to IT) in Project Autosar RCAR
- Conduct hardware different analysis and update related work products from RD to IT
- Conduct Tcode for the module Mcu using C#

- Implement Unit Test using Cantata and Visual Studio
- Porting test suites and conduct Driver/Gentool Unit & Integration Test and failed cases analysis
- Experience with Visual Code, CS+ debugging tool, Trace32, Git, SVN, Jira, Enterprise Architect, Davinci, Cygwin.
- Participate AUTOSAR/Agile – Scrum events (Daily, Planning, Review).

EMBEDDED SOFTWARE ENGINEER

11/2020 - 4/2021

R-CARGEN3 MCAL (ONSITE AT RENESAS DESIGN VN)

- Overview of Mcu module
- Conduct Change Management
- Conduct PRM checklist, FUSA checklist
- Execute Gentool Integration Test and support Driver Integration Test
- Use tools: Redmine, Cygwin, SVN, Git, Trace32.
- Follow V-Model in development process

INTER

09/2020 - 11/2020

BV TRAINING

- AUTOSAR Overview
- MCAL overview, MCAL work-flow
- Understand WPs of each phase in MCAL RH850
- Software Development Life Cycle

HARDWARE + SOFTWARE ENGINEER

10/2017 - 8/2020

UNIVERSITY PROJECT

CLOCK CIRCUIT DESIGN

Technology: PIC16F887

Detail:

- Hardware: The circuit uses PIC 18F4550, has LCD to easily see the clock running and has a button to control.
- Software: The circuit runs both real-time clocks and sports watches.

SMART HOME MODEL (IOT)

Technology: ESP8266

Detail:

- Hardware: The circuit uses ESP8266, LEDs, fan (DC), and a temperature sensor.
- Software: Control LEDs and fans as well as observe the temperature on the app, the app will be written on the mit app, in addition to being able to control by voice.

ROBOT VEHICLES BRING THE FOOD

Technology: Raspberry Pi 4

Detail:

- Hardware: Food-bearing robot car model, using Raspberry Pi board, obstacle infrared sensor, speaker, and Camera.
- Software: Automatic 2-mode robot control with automatic line detection or manual control via the web, in addition, can live stream camera on web server.