

Sang Quang Tran

Willing to relocate, best options are Japan, Australia

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EXPERIENCE

FIS VN, Ho Chi Minh – *Technical Consultant*

DEC 2017 - PRESENT

Sacombank IST Switch 7.7 Upgrade

- + Installation of IST/Switch, GUI..
- + Learn about UNIX, Websphere.
- + Technology for this project: ISO8583, ATM.

WireCard VN, Ho Chi Minh — *Software Development Engineer*

DEC 2016 - NOV 2017

Work with POS(point-of-sale terminal) application

- + Build application for RF card, EMV.
- + Familiar with transaction process, using svn to manage code.
- + Technology for this project: CPU card, ISO8583, SVN.

Global CyberSoft VN, Ho Chi Minh — *Software Engineer*

MAY 2014 - DEC 2016

Work with Bootstrap Loader on Set-top box

- + Implement GPT hard disk layer support, do unit test with GTest
- + Download image with wget and curl command, use dd command to write image to hard drive.
- + Modified boot script to boot up operating system from download image.
- + Work with customer via email and Jira
- + Have weekly call conference with customer to report status of work and discuss about unclear points in requirement.
- + Do integration test, fixing makefile.
- + Customize loader with buildroot.
- + Technology use for this project: RTOS(uCos), Busybox, buildroot, Linux, C, Makefile, Testing.

Optical network project

- + Implement CLI functionality.

SKILLS

Five years real experience with C language.

Familiar with Java, C++, Python, TCL.

Two years working with Mercurial, SVN, CVS.

Familiar with Git.

Development tools: HEW (High performance Embedded Workshop), ARM workbench, Eclipse, Visual Studio, Vim.

RTOS: freeRTOS, uCos, T-Kernel.

Testing framework: GTest, CUnit, Pairwise.

Familiar with build process and configuration of Buildroot, already tried Yocto.

AWARDS

3th Yearly Award for contribution in project Graphics – Renesas Viet Nam

1st in Quarter Award for good contribution – Bootstrap Loader project.

LANGUAGES

English – Intermediate Level

- + Communicate with customer via Redmine to make clear the requirement.

IoT project

- + Detail design base on functional design from customer with using flow chart
- + Technology: Detail design, customer report, RTOS(T-Kernel), IAR, C.

Renesas Design VietNam, Ho Chi Minh — *Software Engineer*

MARCH 2012 - MAY 2014

- + Create program checklists, test cases, test suite, test report
- + Create new unit test test suite in a month, get coverage and ensure source code coverage is higher than 90 percent. Check and make sure source code is comply with MC/DC when possible.
- + Read report by QA.C(with MISRA stand) and do fixing base on report, discuss with customer to ignore report cases that not related with code quality.
- + Have weekly video conference with Japanese engineer to report status, describe about output.
- + Meet in office with customer to get new knowledge about changing in design and new roadmap for project.

CERTIFICATES

**FE - Fundamental
Information Technology
Examination**

TOEIC - 770

EDUCATION

University of Technology, Ho Chi Minh city – *Computer Science*

SEPTEMBER 2006 - JANUARY 2012