

Huỳnh Quốc Hoàng

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OBJECTIVE

Experienced Software Engineers design, test, maintain, research, and debug for embedded systems. Throughout my 2 years career I have worked for Renesas: Porting, testing and debugging for Renesas Development board. Proficiency to work in Linux environment.

EDUCATION

2013 - 2017 **Ho Chi Minh City University of Technology and Education**
Faculty: Faculty of High Quality Training
Major: Electronics and Communication Engineering
- Scientific Research Activity in University: Guideline for designing circuit with Protues.
- Almost get all semester scholarships for good students.
GPA: 8.11

WORK EXPERIENCE

2017 - Present **Renesas Design VietNam**
Software Engineer:
- Collaborate with teammate to porting and testing GStreamer for Renesas Development board:
+ Conduct Integration test for GStreamer plugin on RCar board: H264, H265, VP9, ...
+ Conduct Unit test for RCar development and modify source code for improvement.
+ Port GStreamer to new version: Debug for new source code, try to fix bug and make it compatible with RCar board by referring to the previous version.
+ Modify Program Check List and test script for GST test.
+ Compile source code with Yocto, analyze and debug issues for GStreamer.
+ Advise customers regarding maintenance products.
+ Support others team related to GStreamer.
- Increase efficiency by develop automation script and test cases that relieve manual testing loads.
- Proficiency to work with Linux environment: Use Linux tool and write script for work.
- Use git to manage the source code and project workflows.

- Can read electrical specifications, schematics.

Recognition and Gains:

- Very good at self-investigate and can work without support.

CERTIFICATIONS

2017	Electronic Engineer degree
2018	TOEIC 600+

SKILLS

Programming languages	C, C++, Python, Bash.
Technical skill	Good knowledge about GStreamer. Basic knowledge about OMX, Wayland.
Software tool	Visual Studio Code, IDLE, VirtualBox, Valgrin, gdb.
Source control	Git, SVN.
Operating system	Linux, Window, Ubuntu.
English	Writing, Reading, Communication.

PROJECTS

Development of GStreamer

(2017 - 2019)

Customer	Renesas Japan
Description	This is a framework for creating streaming media applications. The applications supports for audio/video playback based on Renesas hardware.
Team size	2
My position	Developer, Tester.
My responsibilities	<ul style="list-style-type: none">- Review source code.- Porting.- Testing- Analyze issue and debug.- Development script.
Technologies used	<ul style="list-style-type: none">- Linux, Valgrin, gdb.- Poky.

INTERESTS

I like play game(CTF), football (watching).