Nguyễn Đức Huy

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|  |  | Curriculum Vitae |
| **Personal Information** |  |  |
| Full name: | Nguyen Duc Huy |  |
| Nationality: | Vietnamese |  |
| Place of birth: Ho Chi Minh / Viet Nam | | Date of Birth: 09/11/1990 |
| Gender: | Male | Marital status: Married |
| Phone: | 0946.380.379 | Email: duchuy1109@live.com |

Languages: Vietnamese (Native),

English (TOEIC 780)

**Abilities**

* Basic web design using html, css, and javascript.
* Basic knowledge in programming using C, C++ and Java.
* Interesting and ability in programming embedded systems using Assembly and C language.
* Basic skills in Photoshop, Corel Draw.
* Experiments in Arduino board, MSP430 Developent board.

**Working Experience**

March 2015 - November 2018

Software Engineer

Renesas Design Vietnam Co., Ltd (http://vietnam.renesas.com)

**Responsibilities and Achievements:**

**## Benchmark tools porting**

- Porting from Linux Env to INTEGRITY env (https://www.ghs.com/products/rtos/integrity.html)

- Maintaince/Upgrade source code when INTEGITY OS update.

- List of benchmark tools:

+ Lmbench

+ Iperf

+ Cachebench

+ Unixbench

+ Pmbw

+ Drythstone

**# Performance Measurement/Benchmark Performance/Performance evaluation**

**## Driver Development/Maintenance:**

- Develop Audio modules driver for Rcar Gen3, used on multiple board (H3/M3/M3N/D3/E3)

- Update, add functions to Audio driver base on customer requirement.

**## Automation Test System design**

- Develop an in-house automation test system for INTEGRITY OS base on python and Jenkins

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**## Static code analysis**

- Create test program to check code coverage (CO/C1) for product code using Cantata tool (https://www.qa-systems.com/tools/cantata/code-coverage/)

+ Create testing program

+ Propose solution to increase test result.

- Check and fixed source code follow the MISRA C Guidelines (MISRA C:2012) (https://www.misra.org.uk/MISRAHome/MISRAC2012/tabid/196/Default.aspx) for product code using QA-C tools (https://www.qa-systems.com/tools/qa-c/)

**Education**

**2008-2014**

Bachelor of Engineering, Major in Computer Engineering Can Tho University

**Prior Employment**

**09/2014-Present**

**Summer 2013**

**Tecnician, Thien Chan Company,** Full Time

Design and contruct wifi, lan network for hotel,

restaurant…

**Part-time Job**, **Advertising Company in HCM (Thien Thao)**

motel,

Responsibilities: Contructing Banner, bandroll…