

Nguyễn Duy Bằng

HCMC, Vietnam

☎ 0368794394 ✉ duybang140494@gmail.com 🔗 <https://www.linkedin.com/in/bangnguyenduy>

OBJECTIVE

- 3 years of experience in C or C++ programming.
- 5 months of experience in C# programming.
- 1 years of experience in programming with Python.
- 5 months of experience in Java programming languages.
- 5 months of experience in programming with Android SDK.
- Capable of reading and understanding hardware schematics, interface specifications and creating software that interfaces with the hardware.
- Good English communications skills, both verbal and writing.
- Working knowledge of processor architectures (ARM/ARM64, x86)
- Good at embedded system design methodology
- Good Knowledge on micro-controller architecture and low-level device driver development.
- Experience working on different development life cycle
- Expertise in Operating System Programming Languages Tools & Technology:
 - AutoCAD, Altium.
 - VSCode, Eclipse, Cantata.
 - OrCAD, VHDL.
 - Microsoft Office: Word, Excel, PowerPoint.
 - C/C++, C#, HTML, Visual Basic (VBA), Python.
 - SVN.- Git (<https://duybang140494.github.io>).
 - Win, Linux.

EDUCATION

Ho Chi Minh City University of Technology and Education

Oct 2015 - Oct 2019

Academic degree: Electronics and Communication Engineering

GPA: 7.82/10

WORK EXPERIENCE

Ban Vien Co., Ltd

Feb 2020 - Present

Embedded Software Engineer (Onsite RBVH | Bosch tại Việt Nam)

MCAL is a software module that has direct access to all the on-chip MCU peripheral modules and external devices, which are mapped to memory. And it makes the upper software layers (Basic software layer, or BSW, Application Layer) independent of the MCU.

Ban Vien Co., Ltd

Jun 2019 - Feb 2020

Embedded Software Engineer (Onsite Renesas Design Vietnam Co., Ltd.)

MCAL is a software module that has direct access to all the on-chip MCU peripheral modules and external devices, which are mapped to memory. And it makes the upper software layers (Basic software layer, or BSW, Application Layer) independent of the MCU.

Nidec VietNam Corporation

Otc 2018 - Dec 2018

Internship

Main responsibilities:

- Improving equipments.
- Maintaining machines.

Skills gained

- Have knowleges about sensor, cyclinder, compressed air, inventerand Automation systems
- Has the responsibility to work.

Onsite

- Network maintenance.
- Deploying network infrastructure in apartments, companies and businesses in District 2, HCMC.

Skills gained

- Have knowleges about routers, hubs, switches
- Has the responsibility to work.

PROJECTS**MCAL Drivers - AUTOSAR**

(6/2019 - 2/2020)

Customer	Team MCAL Ban Vien & Renesas VietNam
Description	<ul style="list-style-type: none">- Clarify requirements with Project Manager- Write test case, checklist and data to test- Test API with postman tool- Test API with Davinci, Cantata, AMDC, Enterprise Architect.- Microsoft tools.- Daily report.- Use project tracking tool – Redmine, Jira .- Experience in QA/QC workflow
Team size	10
My position	Embedded Software Engineer
My responsibilities	<ul style="list-style-type: none">- Analysis and design- Development- Review code- Optimize code- Bug Fixing
Technologies used	<ul style="list-style-type: none">- Test API with Davinci, Cantata, AMDC, Enterprise Architect.- Use project tracking tool – Redmine, Jira .- Notepad++, VSCode...

Some projects on Github (<https://duybang140494.github.io>)

(6/2017 - Present)

Customer	----
Description	<ul style="list-style-type: none">- Use to my life.
Team size	1
My position	Embedded Software Engineer
My responsibilities	<ul style="list-style-type: none">- Analysis and design- Development- Review code- Optimize code- Bug Fixing
Technologies used	<ul style="list-style-type: none">- Notepad++, VSCode, ESP8266, STM32...