**HO TAN NHAN**

Ho Chi Minh City, Vietnam | (+84) 346178577| nhan6662001@gmail.com | [LinkedIn](http://www.linkedin.com/in/nhan-ho-045495237) | [Online CV](https://hotannhan.github.io/my_cv/)

**SKILLS**

**Programming language**: C, Batch script, Powershell

**Automotive industrial**: AUTOSAR Classic, CAN protocol, ISO 14229-UDS, ASPICE

**Tools**: IBM DOORS, Rhapsody, HelixQAC, Tessy, Polyspace, Vector toolchain (Vflash, CANoe, CANdela, Davinci Configurator & Developer)

**EDUCATION**

**Ho Chi Minh City University of Technology( Bach Khoa TP.HCM) 2019 – 2023**

Bachelor’s Degree in Control Engineering and Automation

GPA: 3.2 / 4.0

**WORK EXPERIENCE**

**Forvia-Hella Vietnam** Ho Chi Minh City, Vietnam

*Forvia-Hella Vietnam is the Vietnamese subsidiary of the German automotive brand. Developing lighting systems, our goal is focus on features and technologies expected to be especially important in the future, generating benefits that customers can see and touch, such as light-based driver assistance systems, LEDs and design elements.*

**Product**: Interior Light System

**Customer**: Mercedes Benz, Audi

**Embedded Software Engineer Jan 2023 - Present**

* Software Developer for Flash Boot Loader (FBL)
* Experienced in developing FBL based on Vector SIP
* Configured CommStack (Can, CanIf, PDUR, CanTp) to establish communication
* Configured MemStack (Fee, Fls) for data exchange between Application SW and FBL
* Implemented diagnostic services (DIDs, RIDs) for flashing sequence
* Experienced in Software Integration
* Software Developer for Application Software (ASW)
* Experienced in developing AUTOSAR Application software components and RTE configuration
* Implemented diagnostic services (DIDs, RIDs) and communication fault handling at the application layer
* Experienced in configuring DiagStack (Dem, Dcm) and MemStack (NvM, Fee, Fls)
* Experienced in working with MICROSAR OS
* Managed the Entire Software Development Life Cycle
* Analyze customer and system requirements
* Refine and specify software component requirements
* Participate in software architecture and designs
* Responsible for software implementation, unit test and integration test
* Performed problem analysis and resolve defects
* Competent in ensuring software compliance with V-model and ASPICE standards
* Achieved ASPICE Level 2 (Fully) for Mercedes-Benz project, assessed by customer and external auditor (ISCN)

**Bosch Global Software Technologies Vietnam** Ho Chi Minh City, Vietnam

*Bosch Global Software Technologies Vietnam is a subsidiary of Bosch Global, focusing on Automotive Embedded Systems.*

**Product**: Radar System

**Customer**: Chery

**Embedded Software Engineer - Internship Jun 2022 – Dec 2022**

Software Developer for Radar product

* Implemented diagnostic services ($27, $22, $2E, and $31) at the application layer and configured DiagStack (Dcm) in the basic software layer
* Responsible for unit testing, including test case creation, execution, and documentation of test reports
* Knowledgeable about ASPICE and the V-model