Curriculum vitae

BUI XUAN TRUONG

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| PERSONAL DETAILS | | |
|  | Full Name: | Bui Xuan Truong |
| Job Titles: | Senior Developer |
| Date of Birth: | June 13st 1994 |
| Place of Birth: | Thai Binh, Vietnam |
| Gender: | Male |
| Linkedin | <https://www.linkedin.com/in/bùi-xuân-trường-43b521190> |

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| SUMMARY INFORMATION |
| Have 5 years experiences on developing software (C, C++, C#, Qt, Qt UI, QML, Java, Android, Python, flutter, swift)  Have experiences and deep understanding on developing software for Media sevrice in Vehicle,Linux system, Embedded system, IOT,  Have experiences and deep understanding on developing software for : Image Proccessing, Matlab, Signal Processing,  AI - machine learning - Nortron Network - Deep learning  Have experiences in testing project in A-Spice process  Have experiences working with Product Project, Outsource, IOT, Android, IOS, SQL  Have experiences work with hardware, communicate between hardware and software  Have experiences working with version control system: Git systems, SVN client, SVN server…  Have experiences working with Working process System: Jira, Confluence, Redmine, Trello…  Work with Bluetooth, Wifi, Android, (System Service, Beacon Service, module communicate), embedded… |

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| EDUCATION HISTORY | |
| From: 09/2016  To: 10/2016 | University: Ha Noi University of Science and Technology, Vietnam  Major: Electronic Telecommunication Engineering  Degree/Qualification: Scholarship to the Microchip company  Graduated with honors in scientific research  Traning student |
| From: 10/2016  To: 6/2017 | University: Ha Noi University of Science and Technology, Vietnam  Major: Electronic Telecommunication Engineering  Job Description:   * System design for HF communication System * Coding * Traning student |

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| EMPLOYMENT HISTORY | |
| From: 06/2017  To: 2/2021 | Job Title: Senier Developer  Job Description:   * Solution Architecture * Requriment analysic * Create High level design, Low level design * Coding * Unit test * Integration test |
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PROJECT REFERENCE AND SKILL SET

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| ATTENDED PROJECTS | | |
| From: 03/2016  To: 10/2016 | Project: | **Fire warning for building** |
|  | University: | Ha Noi University of Science and Technology, Vietnam |
|  | Project size: | 10 |
|  | Project position: | Hardware design, system design, Developer |
|  | Responsibility: | - Refactoring and Development for a Fire Warning System in Building System of Fire Department. |
|  | Project description: | The project aims to maintain system developed by us |
|  | Used programming languages: | - C,C#, Java anrdroi, Html |
|  | Used programming technologies: | - Ethernet, 3g, Wifi, Wifi hotspot, Cloud service, Internet comunication, … |
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| From: 11/2016  To: 6/2017 | Project: | **HF Digital communication** |
|  | University: | Ha Noi University of Science and Technology, Vietnam |
|  | Project size: | 6 |
|  | Project position: | Hardware design, system design, Developer |
|  | Responsibility: | - Design and Development for HF Digital Communication System of ‘Ministry of Industry and Trade’. |
|  | Project description: | The project aims to design and develop system HF communication  service of the sea developed by us |
|  | Used programming languages: | - Qt, C/C++, Verilog for FPGA |
|  | Used programming technologies: | - Digital Telecommunication technology, Data encrypt, EA security, Internet comunication, … |
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| From: 8/2017  To: 2/2017 | Project: | **MIB3** |
|  | Company name: | FSOFT |
|  | Project size: | 45 |
|  | Project position: | Developer |
|  | Responsibility: | - Develop modules which are bluetooth applications, data, and events regarding bluetooth in the automotive system |
|  | Project description: | The project aims to maintain most automotive application and meidia module developed by us and partner |
|  | Used programming languages: | - C/C++, Java |
|  | Used programming technologies: | - Ethernet, 3g, Bluetooth, Wifi, Wifi hotspot, …  - Multithread, KIPC interface, mutil call…. |
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| From: 02/2018  To: 05/2018 | Project: | **A1 Platform** |
|  | Company name: | FPT SOFTWARE |
|  | Project size: | 70 |
|  | Project position: | Developer |
|  | Responsibility: | - Refactoring and Maintenance applications and HMI for a Camera Control System in Automobile of Panasonic.  - Design, control HMI and fix Bug, support team  - Git, SVN and redmine manage for project |
|  | Project description: | The project aims to maintain most automotive application and HMI module developed by other and partner |
|  | Used programming languages: | C, C++ |
|  | Used programming technologies: |  |
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| From 05/2018  To: 7/2018 | Project | **NSTEX** |
|  | Company name | VTI VIET NAM |
|  | Project size | 7 |
|  | Project position: | Developer |
|  | Responsibility: | - Design, Development |
|  | Project description: | Developed monitor system for steel production line in manufacturing companies of Japan |
|  | Used programming languages: | C++ |
|  | Used programming technologies: |  |
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| From 07/2018  To: 12/2018 | Project | **RS Receiver** |
|  | Company name | VTI VIET NAM |
|  | Project size | 8 |
|  | Project position: | Developer |
|  | Responsibility: | - Design, Development |
|  | Project description: | Developed QR code scaner application to filter data scan from scan device |
|  | Used programming languages: | C++ |
|  | Used programming technologies: |  |
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| From :12/2018  To: 02/2019 | Project | **VTI SAYHI** |
|  | Company name | VTI VIET NAM |
|  | Project size | 6 |
|  | Project position: | Developer |
|  | Responsibility: | - Design, Development |
|  | Project description: | - Develop a receptionist Application using in living room to recommend structure and execute projects for customer using QT framework on linux system |
|  | Used programming languages: | Qt c++, |
|  | Used programming technologies: |  |
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| From: 2/2019  To: 03/2019 | Project | **HARMONIC CONTROL** |
|  | Company name | VTI VIET NAM |
|  | Project size | 2 |
|  | Project position: | Main Designer, Main Developer |
|  | Responsibility: | - Design, Development |
|  | Project description: | - Research and design schematic PCB control Daikin remote control of VRV harmonic system in building  - Develop custom Android and IOS applications control harmonic for user using xamarin framework. |
|  | Used programming languages: | Xamarin c#, Arduino c++, |
|  | Used programming technologies: | Altium PCB design |
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| From: 03/2019 To: 05/2019 | Project | **TRANSLATION** |
|  | Company name | VTI VIET NAM |
|  | Project size | 5 |
|  | Project position: | Main Designer, Main Developer |
|  | Responsibility: | - Design, Development, Test |
|  | Project description: | Develop Translate Application using provided translate service include document translate, text translate, using python language and AI |
|  | Used programming languages: | Python |
|  | Used programming technologies: | AI Deepp Learning |
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| From:05/2019 To: 05-2020 | Project | **AUTRONSAFETY** |
|  | Company name | FPT Software |
|  | Project size | 150 member |
|  | Project position: | Designer, Developer |
|  | Responsibility: | - Created Documents, Design, Development, Guideline Test Process, Test, Created tools support |
|  | Project description: | An automotive project which develops AUTOSAR basic software SRS/SWS for more than 70 modules in version 4.4.0. The safety modules has to follow Aspice level 3 |
|  | Used programming languages: | * C |
|  | Used programming technologies: | * Safety ASILD , Iso 62626, AUTOSAR, Embedded |
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| From: 05/2020  To: 12/2020 | Project | **KINGDOM** |
|  | Company name | FPT Software |
|  | Project size | 30 member |
|  | Project position: | Designer, Developer, Team Lead for MessageApp team |
|  | Responsibility: | - Created Documents, Design, Development MessageApp Module Maintain for KingDom systems |
|  | Project description: | An automotive project which develops by Panasonic company. Implement new project for MessageApp module, Voice module |
|  | Used programming languages: | * C++, Python, Bluetooth |
|  | Used programming technologies: | * KingDom, Embedded |
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| From: 12/2020  To: 2/2021 | Project | **AUTOMATION TOOL** |
|  | Company name | FPT Software |
|  | Project size | 8 member |
|  | Project position: | Solution Architect, Designer, Developer, Team Leader |
|  | Responsibility: | - Created Documents, Design, Development |
|  | Project description: | An automotive project which develops by Panasonic company. Implement new project for MessageApp module, Voice module |
|  | Used programming languages: | * C++, Python, xml, AI, ImageProccess |
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| From: 02/2021  To 8/2021 | Project | TOPGPS, VnetGPS |
|  | Company name | VNET/ SonHa Group |
|  | Project size | 9 |
|  | Project position: | Leader Android Components |
|  | Responsibility: | Analyze customer requirements, Create SRS, Design, Developer ,Leader, Development and maintenance, testing |
|  | Project description: | The project is a part of the vehicle tracking system, which has the function of tracking and reporting vehicle tracking information to customers. With tens of thousands of customers each year. The project has 3 parts: Service,Web, and Android Apps. Android department with 2 main apps and more than 20 apps for dealers |
|  | Used programming languages: | Java, Java android, sql, swift5 |
|  | Used programming technologies: | restful api, stream video, minio, MQTT, google map, GPS, Firebase |
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| **Personal Project** | Github Profile | **https://github.com/TruongGlacio?tab=repositories** |
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| INFORMATION TECHNOLOGY SKILLS | | | | | | | | | |
| Experiences | | 0: 0 month | 2: 6 – 12 months | | | 4: 2 – 5 years | | | |
|  | | 1: 1 – 6 months | 3: 1 – 2 years | | | 5: > 5 years | | | |
|  | | Last year used |  | | |  | | | |
| Expert level | | 1: Beginner Level | 3: Sometimes have to use manuals | | | 5: Expert Level | | | |
|  | | 2: Always have to use manuals | 4: Can solve problems | | |  | | | |
|  |  | | Experiences | Last used | Expert level | | | | |
|  |  | | 1 | 2 | 3 | 4 | 5 |
| Platform | | | | | | | | | |
|  | Linux | | 5 | 2021 |  |  |  | X |  |
|  | Windows | | 5 | 2021 |  |  |  | X |  |
|  | Window IOT | | 1 | 2020 |  |  | X |  |  |
|  | Raspbian, Ubuntu Mate.. | | 4 | 2021 |  |  |  | X |  |
|  | Embedded Linux(WithOut Ubuntu, Raspbians) | | 3 | 2020 |  |  | X |  |  |
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| Database | | | | | | | | | |
|  | MS SQL Server | | 2 | 2019 |  |  | X |  |  |
|  | SQLite, SQL, My SQL | | 3 | 2021 |  |  |  | X |  |
|  | Firebase | | 3 | 2019 |  |  | X |  |  |
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| Programming | | | | | | | | | |
|  | C/C++/C# | | 4 | 2021 |  |  |  | X |  |
|  | Java | | 3 | 2021 |  |  |  | X |  |
|  | Python | | 3 | 2021 |  |  |  | X |  |
|  | Java/Xml for android | | 4 | 2020 |  |  |  | X |  |
|  | Kotlin for android | | 2 | 2019 |  | X |  |  |  |
|  | Qt C++,Qml | | 4 | 2021 |  |  |  | X |  |
|  | Flutter | | 2 | 2021 | X |  |  |  |  |
|  | Swift | | 2 | 2021 |  | X |  |  |  |
|  | Xamarin C# | | 2 | 2019 |  |  |  | X |  |
|  | Cmake, Bash Script | | 3 | 2020 |  |  | X |  |  |
|  | | | | | | | | | |
| Tools/IDE | | | | | | | | | |
|  | Microsoft Visual Studio | | 4 | 2020 |  |  |  | X |  |
|  | Android Studio | | 4 | 2021 |  |  |  |  | X |
|  | Notepad ++ | | 4 | 2021 |  |  |  |  | X |
|  | MplabX IDE | | 4 | 2017 |  |  | X |  |  |
|  | Arduino IDE | | 4 | 2020 |  |  |  |  | X |
|  | Atmel Studio | | 2 | 2017 |  |  | X |  |  |
|  | Matlab | | 4 | 2020 |  |  |  |  | X |
|  | Qt creator, Qmake | | 4 | 2020 |  |  |  | X |  |
|  | Astah Community | | 4 | 2020 |  |  |  | X |  |
|  | [Enterprise Architect](http://sparxsystems.com/products/ea/) | | 4 | 2020 |  |  |  |  | X |
|  | StarUML | | 2 | 2017 |  |  |  | X |  |
|  | Vector cast | | 3 | 2018 |  |  | X |  |  |
|  |  | |  |  |  |  |  |  |  |
|  | Postman | | 1 | 2021 |  |  | X |  |  |
|  | Git | | 5 | 2021 |  |  |  |  | X |
|  | SVN tool | | 4 | 2021 |  |  |  |  | X |
|  | GDB | | 1 | 2018 |  | X |  |  |  |
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| Project manager tools | | | | | | | | | |
|  | Redmine | |  |  |  |  |  |  |  |
|  | Bitrix24 | |  |  |  |  |  |  |  |
|  | Trello | |  |  |  |  |  |  |  |
| **Software development model** | | | | | | | | | |
|  | Waterfall model | | SRS(RA), SAD(Basic design), SUD(Detail design), Coding, QT Test, IT Test, UT Test | | | | | | |
|  | V model | |
|  | Agile scrum | |  | | | | | | |
| Others | | | | | | | | | |
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| FOREIGN LANGUAGE | | | | | | | | | |
| Experiences: | | 0: 0 month | 2: 6 – 12 months | | | 4: 2 – 5 years | | | |
|  | | 1: 1 – 6 months | 3: 1 – 2 years | | | 5: > 5 years | | | |
| Last used: | | Last year used |  | | |  | | | |
| Expert level: | | 1: Beginner | 3: Fluent | | | 5: Translator | | | |
|  | | 2: Conversational | 4: Expert | | |  | | | |
|  |  | | Experiences | Last used | Expert level | | | | |
|  |  | | 1 | 2 | 3 | 4 | 5 |
| Languages | | | | | | | | | |
|  | English | | 3 | 2021 |  |  | 3 |  |  |
|  | Japan | | 1 | 2020 | 1 |  |  |  |  |