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| OBJECTIVE |

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| ● Take advantages of experience and gained skills to become a professional Embedded Engineer and bring many values to company.  ● In the next five years, I want to study more about information and job experiences so that I may become manager. |  | |
| EDUCATION HISTORY | |

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| **09/2015 - 08/2019** | Ho Chi Minh City University of Technology and Education  Telecommunication - Electronics Engineering Technology |

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| SUMMARY INFORMATION |

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| ● Working knowledge of MCU (PIC, STM32, ATmega).  ● Expertise in IoT devices, sensors, microcontrollers.  ● Capable of reading and understanding hardware schematics, interface specifications and creating software that interfaces with the hardware.  ● Expertise in Operating System Programming Languages Tools & Technology:   * Tool: VS Code, Cantata, DaVinci, Enterprise Architect, Trace32, Altium, Proteus, Android Studio, Keil-C. * Technical testing: Unit Testing, Integration Testing, Regression Testing, Functional Testing. * Programming language: C++, C#, Python, Bash Script, VBA, VHDL. * SVN, Git, Jira, Redmine. * Computer: Word, Excel, PowerPoint.   ● Awards:   * Excellent team of 2020, team X2x. * Received "Encourage Learning" scholarship 4 semesters, “Special” scholarship 2 semesters from 2017 - 2019. |
| WORKING HISTORY |

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| **10/2019 – Present** | **BAN VIEN Co., Ltd** |
| **08/2019 – 09/2019**  **03/2019 – 07/2019** | **KING MONGKUT’S UNIVERSITY OF TECHNOLOGY THONBURI**  **IDEA HIGH TECHNOLOGY JSC** |

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| PROJECT REFERENCE AND SKILL SET |

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| **PROJECT NAME:** | **IIBU RZG CIP (onsite at Renesas Design Vietnam)** | |
|  | **Position:** | Embedded Software Engineer |
|  | **Responsibilities:** | * Handle testing phase on real Linux system & hardware on Ubuntu. * Boot board via MMC, SD Card, TFTP, NFS. * Maintain and develop test application by Bash Script. |
|  | **Duration:** | 01/2022 – Present |
| **PROJECT NAME:** | **RCAR AUTOSAR MCAL (onsite at Renesas Design Vietnam)** | |
|  | **Position:** | Embedded Software Engineer |
|  | **Responsibilities:** | * Maintain and develop for GPT module. * Manage and divide task for members. * Execute UT, IT test. * Enterprise Architect, Trace32... * Report the progress, result and defects. * Use project tracking tool – Redmine, Jira |
|  | **Duration:** | 02/2021 – 12/2021 |
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| **PROJECT NAME:** | **TOYOTA CAR (onsite at Robert Bosch Vietnam)** | |
|  | **Position:** | Embedded Software Engineer |
|  | **Responsibilities:** | * Implement Unit Test using Cantata. * Create test cases and debug for APIs. * Report the progress, result and defects. |
|  | **Duration:** | 12/2020 – 01/2021 |
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| **PROJECT NAME:** | **RH850 AUTOSAR MCAL (X2x and F1x) (onsite at Renesas Design Vietnam)** | |
|  | **Position:** | Embedded Software Engineer |
|  | **Responsibilities:** | * Investigate AUTOSAR software, BSW, MCAL. * In charge of Unit Design for GPT module. * Create and optimize all test cases for Unit Test, Integration Test of FLS module. * Analyze requirements from customers. * Handle designing, coding and testing phase in V-model * Test API with Cantata, configure parameter with Davinci. * Create tools to save time using Python, Bash Shell. * Notepad++, VS Enterprise... * Use project tracking tool – Redmine, Jira * Experience in QA/QC workflow |
|  | **Duration:** | 10/2019 – 11/2020 |
| **PROJECT NAME:** | **THE DOOR SYSTEM USES FINGERPRINTS** | |
|  | **Position:** | Intern |
|  | **Responsibilities:** | * Make a project open/close the door system using the fingerprint. * Learn and research new machines and equipment. |
|  | **Duration:** | 08/2019 – 09/2019 |
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| **PROJECT NAME:** | **DESIGN CIRCUIT AND CODING FOR VENDING MACHINE** | |
|  | **Position:** | Hardware + Software Engineer |
|  | **Responsibilities:** | * Design schematic and PCB using Altium. * In charge of programming for GLCD, QR barcode scanner. * Check the circuit, components if damaged. * Programming microcontroller on STM32, communication standards and protocols such as SPI, I2C, RS232, RS485... |
|  | **Duration:** | 03/2019 – 07/2019 |