

## Contact

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## Top Skills

Embedded Systems

Embedded C

Project Management

## Publications

Hardware-based algorithm for Sine and Cosine computations using fixed point processor

# My Nguyen-Xuan

Software Project Manager at VinFast  
Vietnam

## Experience

### VINFAST

Software Project Manager

May 2021 - Present (3 years 11 months)

Ho Chi Minh City, Vietnam

- Activities:
- Component owner for Surround View Monitoring system in VF e34.
- Leading for Functional Safety of Instrument Cluster system.
- Software delivery for Telematic component.
- Building up and performing internal audit for ASPICE process.
- Related topics: Automotive Android OS, CAN, ISO 26262 - Functional Safety, FMVSS 111, ASPICE process.

### Robert Bosch Engineering and Business Solutions Vietnam

10 years 2 months

#### Delivery Manager

January 2017 - April 2021 (4 years 4 months)

- Activities:
- Managing development team for Device Encapsulation Library and In-Vehicle Communication Network in Engine Management System.
- Establishing the team in Vietnam
- Planning and tracking quality for deliveries
- Stakeholder management
- Managing competence development
- Related topics: CAN, Sensors and Actuators, ASPICE process.

#### Software Specialist

May 2014 - December 2016 (2 years 8 months)

- Activities:
- Calibrating parameters of ECU software for air system, ignition system.
- Developing an application to monitor car engine operation based on ISO26262 for PSA/RSA OEM.
- Establishing the team in Vietnam.
- Training for new member.

- Related topics: ETAS INCA calibration tool, engine torque structure, functional safety software, Matlab/Simulink, UDE debugger, Reactis tool.

### Embedded Software Engineer

March 2011 - April 2014 (3 years 2 months)

- Activities:
  - Developing the interface layer to integrate customer application software based on AUTOSAR into BOSCH ECU for PSA/RSA OEM.
  - Migrating ECU software from a single core system to a multicore system.
- Related topics: ECU software development, AUTOSAR, ASCET, INCA, UDE debugger.

### Innova Electronics Corp.

#### Embedded Software Engineer

October 2010 - March 2011 (6 months)

Ho Chi Minh City, Vietnam

- Activities: developing APIs to display information on LCD screen of OBD2 Scan tool.
- Related topics: ARM Cortex-M4 processor, IAR Embedded Workbench.

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## Education

### Ho Chi Minh University of Technology

Master's degree, Computer Science · (2012 - 2014)

### Ho Chi Minh University of Technology

Bachelor of Engineering - BE, Computer Engineering · (2006 - 2011)