



Dương Sĩ Bình ✓

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@Automation and Control Engineer •
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☎ Phone: **0898.425.069**

👤 Gender: **Male**

📅 Date of birth: **June 25, 2000**

🏠 Address: **Go Vap District, Ho Chi Minh City, Vietnam**

📌 Objective:

To obtain a challenging and rewarding position as a test module engineer at Intel, where I can apply my skills and knowledge in software testing, automation, debugging, and module development.

I'm able to utilize my strong analytical and problem-solving skills to design, develop, and execute test cases and scenarios for development of team.

I can use my experiences in scripting languages, test tools, and defect tracking systems to ensure the functionality and performance.

#Education

🎓 **HCM University Of Technology And Education**, Major:

Control and Automation

August 2018 - September 2022

GPA: 7.77/10

#Honors & Awards

June - 2023: Best performance of month (top delivery)

Oct - 2023: Third prize on running FIT FOR FUTURE (company's organization)

September - 2022: Gained the first prize in DoubleQ Cup 2022 competition.

May - 2020: Recived a sholarship for academic achievement.

#Activities

Mid-Autumn Charity event, Member of Social Activities of BOSCH company

Sep 2023 - Sep 2023

- Donate foods, bags, books, etc. for children on Ninh Thuan Province.
- Provide learning tools, organize games, live show for poor children.

#Work experience

🏢 **Bosch Global Software Technology Vietnam**, Task

Coordinator - Supervisor

SEPTEMBER 2022 - NOW

- Obtain or recreate the necessary design and release documentation for delivery process.
- Address the identified technical debts impacting unit test framework.
- Establish clear design guidelines and well-defined release process.
- Follow up criteria of ASPICE standard which are applied for the whole process (Audit of qualification outcomes).
- Responsible for supervising the activities of product teams or staff in my working site.
- Assesses personnel and material level to determine production schedules.
- Assigns personnel and monitors the flow of work in process though the manufacturing facility.
- Responsible for developing operational policies and procedures, coordinating multiple functions across the manufacturing facility, and creating strategic plans to ensure production schedules are met while adhering to predetermined quality and cost goals.
- Responsible for the overall safety of personnel, company assets, and the surrounding environment.
- Works on problem/tasks in delivery of a specific product or service.
- Identify tasks, determine dependencies, identify and assign specific resources, communicate expectations to team members, obtain task effort and duration estimates from team member, and create/track the project schedule.

Social Activities, Member of Social Activities of University

Oct 2020 - April 2022

- Joined in a Blood Donation activity.
- Joined in the Green Sunday activity.
- Joined in a football team.
- Participated in the social distancing collaboration support against Covid-19.

FSD Gen3 by VOCO Center, Member - Trainee

July 2022 - April 2022

- Grasp the general knowledge from multi-national companies like Intel Products Vietnam, L'oreal, KPMG, Nestlé, FE Credit, etc.
- Exchanged and learned from experts in each field of business, human resources, finance and manufacturing.

#Skills

Language programming: PLC programming, C programming, basic Python

Problem-Solving: - Analyze the situation and handle it quickly.
- Make quick decision based on reality situations

Operating system: Windows 10/11

Tools: Visual Studio Code, Matlab-Simulink, Solidworks, Arduino

Communication: Communication & Presentation in English.

Reading: Understand and analyze documents in English.

Team-work: Work in an organized, responsible manner and always actively contribute ideas.

Excel Skills: Pivot Tables, Vlookup, Chart, etc.

Management Tool/Web: Jira, Splunk, RQM, etc.

#Interests

- Running.
- Volunteer activities.
- Join in a English Club.
- Watching movie.
- Playing football with friends, associates

Bosch Global Software Technology Vietnam, Embedded

Software Testing Engineering

SEPTEMBER 2022 - NOW

- Performed requirement engineering//management for PoC/Applications (Automotive automation software).
- Developed embedded automotive application software in C/C++ using adaptive Autosar, Cantata.
- Performed Unit & Software testing in Cantata, SharePoint, Visual Studio Code, Visual Studio.
- Completeness of the software requirements derived out of the system requirements.
- Verification of functional behavior against software requirements (100% requirements coverage for serial releases).
- Performing Test Method Selection Matrix for Safety ASIL B.

Intern at SMC Manufacturing Company, Intern

MARCH 2022 - MAY 2022

- Wrote reports on valves, cylinders, pneumatic sensors.
- Built a pneumatic control model for the final project.

Participated in DoubleQ Cup 2022, Member

MAY 2022 - OCTOBER 2022

- Designed a DC motor model with the control board Arduino Uno using The PID controllers are programmed on Arduino IDE to control the speed and the position of DC motor.

Participated in Automation Contest 2021, Member

NOVEMBER 2021 - DECEMBER 2021

- Designed a product classification system by height and weight. Programmed on simulation software using Tia Portal and Factory IO to operate system.

Join in a Robot lab, Student

OCTOBER 2021 - 2022

- Simulated robot kinematics on Matlab software
- Designed and built a 3 DOF robot (Solidworks, AutoCAD, Multisim, Python...)

#Certifications

May - 2022: TOIEC 700

Nov - 2022: Bachelor's degree of Automation and Control Engineer