Wan Mohamad **Farhan** B. Mohamad Faisal

Work Experiences

Applied Intuition Japan – Tokyo, Japan
System Test Engineer (System Engineering Dept.)

Applied Intuition
2024 Nov – Present

Task/Work contents:	
Task/Work contents: ➢ L4 Requirement for Lane Following & Lane Change creation. ➢ Test case creation, reporting and test execution ➢ JOEM customer support (Vehicle integration & Joint test) ➢ Safety, Process and manual documentation, and translation support Project: **2024-2027** – Heavy Duty Truck / Autonomous System Level 4	Google Workplace Vector CANalyzer Python Git / Github ROS 1 Linux Wireshark

Continental Autonomous Mobility Japan – Yokohama, Japan
System Test Engineer (ADAS Test & Validation Dept.)

Continental
2019 Jun – 2024 Nov

Task/Work contents:	
Task/Work contents: ➢ Conduct analysis on internal requirement and create test cases in DOORS, plan for test execution, conduct test and conduct first analysis for test results. ➢ Vehicle integration (Plan test environment for vehicle and built measurement system together with technician) ➢ Gateway (GW) Development with Cyber Sec for MAC ➢ JOEM customer support (Vehicle integration & Joint test) ➢ Collaborate and build network with internal & global team cross functions ➢ Global FOT (Field Operation Test) support ➢ Analysis tool creation (Python) ➢ Create Scripts for test automation and auto report present in web based. ➢ Support project management from the test validation perspective ➢ Coach junior engineers related to the project for OJT ➢ Process and manual documentation, and translation support ➢ Familiar with AD/ADAS such as Radar Object detection to Radar function (Blind spot detection, AEB, Exit warning and Rear crossing traffic warning) and ECU Environment model. Project: **2023-2026** – L2. Automatic Parking & HMI **2021-2023** – L2. System with Short range radar, long range radar and Central AD ECU with Cyber security **2020-2022** – L2. System with Short range radar, long range radar and Central AD ECU with Cyber security **2019-2020** – Honda Legend / L3. System with Short range radar, long range radar, Camera and Central AD ECU	▪ Microsoft Office ▪ Vector CANalyzer ▪ Python ▪ C++ (GW) ▪ Git / Github ▪ JIRA/Confluence ▪ IBM DOORS ▪ Wireshark ▪ Linux ▪ Raspberry Pi ▪ L2/L3 Switches ▪ PoE Camera ▪ FlexDevice (Star Cooperation) ▪ Data acquisition: MTS System (In-house) ▪ JavaScript (*for HMI test report*)

Veoneer Japan Co. Ltd – Yokohama, Japan

veoneer

Education

2009-2013 -
B. ENG, Mechanical Engineering school – *University of Fukui, Japan*

2007-2009 -
Degree Foundation, Special Preparatory for Japanese University Degree in Engineering – *University of Malaya, Malaysia*

2005-2006 -
GCE O-Level, Sijil Pelajaran Malaysia (SPM) – *Maktab Rendah Sains MARA, Langkawi Malaysia*

Language
▪ English – Business level
▪ Japanese – Business level
▪ Malay – Native level

Skills/Knowledge/Certification
▪ ISTQB CTFL Agile Tester (927960)
▪ ISTQB CTFL (106511)
▪ Agile Development Management
▪ Network (TCP/IP)
▪ JOEM customer interface exp.
▪ JLPT / N2
▪ Driving License (AT)
▪ Slinging (1 ton below)
▪ Rolling bearing certificate (DIN EN ISO 9001:2008)

Software related
Python
React.JS/NEXT.JS (Web)
HTML/CSS/JavaScript (Web)
Bash
Linux
CAPL (Vector)

System Test Engineer (Product assurance Dept.)	2018 Nov – 2019 May
Task/Work contents: ➢ Plan for test, and conduct test. ➢ Vehicle integration (Create batch file for automation, measurement system built up, etc) ➢ JOEM customer support (Vehicle integration & Joint test) ➢ Collaborate and build network with internal & global team cross functions ➢ Process and manual documentation, and translation support Project: **2018-2021** – SOP 2021 vehicle / Autonomous System Level 2 24 Ghz Radar (Rear) v2.00 **2018-2021** – SOP 2021 vehicle / Autonomous System Level 2 24 Ghz Radar (Rear) v1.75	Microsoft Office Vector CANalyzer IBM DOORS Wireshark

Schaeffler Japan Co. Ltd – Yokohama, Japan

LuK · INA · FAG
SCHAEFFLER GROUP

Test Engineer (Engineering Service R&D Dept.)	2015 Mar – 2018 Nov
Task/Work contents: ➢ Validation test for development phase product ➢ Create validation test schedule in line with project timing and milestones. ➢ Support project management with design review from the test validation perspective. ➢ Prepare drawing for test jig and rig for testing purpose ➢ Prepare test report for internal customer ➢ Application Engineer (internal customer) consultation window ➢ Measurement tools, sensors and test rig calibration and maintenances ➢ Benchmarking activities ➢ Documentations and translation related support Product handle: **2018-2021** – Belt tensioner, Transmission bearing, Thermal management module for 4 wheels.	Microsoft Office Creo Pro-E Weibull SAP Python LabView In-house Test Rig

Otics Corporation Co. Ltd – Aichi, Japan

OTICS

Graduate/Junior Engineer (Engineering Service R&D Dept.)	2013 Apr – 2015 Feb
Task/Work contents: ➢ FTA test analysis from customer ➢ Collaborate with material & Tribology lab team for details root cause analysis ➢ Prepare test to reproduce customer complaint ➢ Conduct test and evaluation ➢ Test analysis and reporting ➢ Benchmarking activities ➢ Documentation and translation related support Product handle: **2013-2015** – Isuzu truck and Subaru / Valvetrain (hydraulic lash and rocker arm) **2013** – Assigned at Production line for production quality inspection (3 months) – product line: rocker arm	Microsoft Office Creo Pro-E In-house Test Rig Measurement tools like hardness measurement/geometry form etc.