



MARTIN WILFRIED AHISSAN AMOI

Vehicle Test & Validation Engineer

CONTACT

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📍 Casablanca, Morocco

🚗 License B + AW18
Married

EDUCATION

2017 – 2020 • **Engineering Master degree in Automotive Mechatronics** | ESI2A – FES | Morocco

2013 – 2016 • **Higher National Diploma (HND) in Mechanical Engineering Automotive option** | CCTU – CAPE COAST | Ghana

2011 – 2012 • **High school degree in science – (Math & Science)** | CMSA – LOME | Togo

WORKING TOOLS

- **Language:** C/C++, Python, CAPL, VHDL, VBA
- **Software:** CanAlyser, Diagalyser, VeriStand, EDR Tool, CATIA V5, MATLAB/Simulink/Stateflow, LabView, Suite office, Adobe Photoshop, Adobe Illustrator
- **Protocol:** CAN, LIN, Ethernet, SPI, UDS, KWP
- **Method:** AMDEC, Model Based Design, V Cycle, Lean Management, SMART
- **Standard:** AUTOSAR, ISO26262
- **Robotics:** Embedded programming, Diagnostics Industry 4.0, CNC Tool
- **Automotive:** HIL Testing, ADAS, EV_Batteries, Safety, Telematics, and PHEV & MHEV, OTA, PLM

LANGUAGES

French: Mother tongue
English: Fluent
Arabic: Weak

PROFILE

Automotive mechatronics engineer, highly motivated and qualified, with in-depth knowledge of the field, a dynamic person with analytic and leadership spirit.

PROFESSIONAL EXPERIENCE

Validation Coordination Engineer for **STELLANTIS**

Since NOV 2021

- Preparation and modernization of test means
- OTA integration
- Assist the Project Responsible for the smooth running of the validation activities
- Ensure delivery quality
- Perform the second level of fault analysis
- Organization and animation of meetings and defects reviews
- Escalation, follow-up, and resolution of anomalies
- Guarantee the implementation of test methodologies and associated tools
- Training and support for new recruits

➤ Test and Validation Engineer at **CETIEV**

- Verification of Electrical and Electronic conformity of vehicle function
- Instrumentation of test means
- Proofreading and validation of test plan
- Test of flashing frames and validation of the electrical and electronic system
- Counting, analysis, interpretation of results
- Writing validation reports
- Contribution to the development of test means

ES Internship – QSE&H Department – **YAZAKI**

FEV – JUN 2020

Theme: « Analysis and Control of the Safety Risks of the KOMAX 433 Cutting Machine and the Implementation of the ISO 45001 Standard »

- Environmental analysis of the cutting area (KOMAX machine) and risk assessment based on FMEA analysis.
- Risk assessment based on FMECA analysis.
- Establishment of Condensed safety datasheets.
- Establishment of action plans.
- Deployment of a visual management system.
- Preparation of the documents necessary for the implementation of the ISO 9001, 45001 and 14001 standards

Application Internship – **FLOQUET MONOPOLE**

JUIN – JULL 2018

- Establishment of daily tasks with specifications for workers
- Design and re-design of pistons and brake discs
- Quality control of finished products.

PROJECT

- Car Anti-theft System with Arduino (Internet of Things)
- Creation of a Dashboard Graphical Interface.
- Development and testing of the belt system under MATLAB / Stateflow

CERTIFICATE

April – May 2023: **Electrical clearance BEL**

April 2017 – July 2017: **Training Certificate for Project Holder**

European Institute for Cooperation and Development | Abidjan – Côte d'Ivoire

2012 – 2013: **Language Certificate**

Ghana Institute of Languages | Accra – Ghana

HOBBIES

Documentaries: Plane crash & animals

Reading: Religion, Technology & Detective Novel

Sport: Swimming & Shotokan

Games: Chess