





JAVIER RAMIREZ CARRILLO

Industrial Electronic Engineer
Test automation & Software
developer
Craftsmanship

SUMMARY

Engineering with focus in **system test automation/bench**, **tooling** and **programming** with electronic and computer science technical background. My inclination is to have a positive influence on the world, helping as many people as possible.

CONTACT

-  +34638482496
-  Martos, Spain
-  javi-1803@hotmail.com
-  [Profile](#)

EXPERIENCE

Valeo via Astek Iberia

SEP 2022-PRESENT

- Programmed and designed custom software tool to facilitate real-time frames transmission with the electronic control units (ECU) and drivers.
- Conducted multiple technical trips to support activities at both customer and company sites. (Spain, Italy, France, Morocco and Romania)

Valeo internship

JAN 2022-SEP 2022

- Lead the implementation and debugging of test scripts and scenarios to automate integration & verification test cases, applied to state-of-the-art lighting technology at system level reducing the testing process by ~80% compared to manual methods, following ASPICE model.
- Interpreted reports and diagnoses, contributing informed decision-making.
- Development of dynamic-link libraries of diverse external devices.

EDUCATION

University of Jaen

2017-2024

Bachelor of Electronic Industrial Engineering

Mobility programs abroad

Southern Utah University [Sep 2023-Dec 2023](#)

Chung-Ang University [Feb 2021-Jul 2021](#)

University of Novi Sad [Feb 2020-Jul 2020](#)

University of Ljubljana [Sep 2018-Feb 2019](#)

SKILLS

- Coding: C, C#, CAPL, Java, MATLAB, Python
- Tools: CANoe, vTESTstudio, CANdela, Git
- IDE: LabWindows/CVI, MS Visual Studio, NetBeans
- Norms: CAN FD, CAN, LIN, UDS, ISO-TP, DTC, ISO26262
- Languages: Spanish (Native), English (B2)
- Soft: Adaptability, teamwork, curiosity, stress management, mentoring and tutoring.