Adrián Sánchez García

I am an Automotive Embedded Software Engineer with 2 years of hands-on experience in designing, developing and optimizing embedded software for electronic control systems. Collaborative team player with expertise in communications protocols. Robust skill set in programming languages such as C and Python.

Work Experience

EVÓLUTION SYNERGÉTIQUE AUTOMOTIVE, *Seville*

Software Architect, *September 2023 to Present*

- Learn and specify customer's requirements.
- Create software architecture that satisfies customer needs.
- Write down the software specifications.
- Perform SIL tests with CANoe to ensure the correct functioning of the whole software.
- Manage software engineers.
- Develop multiple tools in python to automate some process.

Embedded Software Engineer, *March 2023 to September 2023*

- Designed and developed BSW librarys according to AUTOSAR and MISRA rules.
- Develop MCAL software using Tresos tool.
- Develop BSW software using Comasso tool.
- Develop Software Detail Design according requirements.
- Test and develop unit test.

AICIA, University of Seville, *Seville*

Embedded Software Engineer, *March 2022 to March 2023*

- Developed and implemented an ECU gateway from CAN to ETHERNET, using RJ45.
- Debugged and optimized embedded software using protocolos such as CAN, UDS and TCP.
- Collaborated with cross-functional teams to develop and maintain embedded software.

Skills

Technical: `C` `Python` `Matlab/Simulink` `CANoe` `RTOS` `Git` `Enterprise Architect` `S32DS` `Tresos` `Comasso` `Ozone` `Busmaster`

Management: `Kanban Methodology` `Scrum Agile` `Polarion ALM` `Helix ALM` `Atlassian Tools`

Standards: `ISO 26262` `ISO 14229`

Education

University of Seville, *2017-2022*

Degree in Telecommunication Technology Engineering, *ETSI, Seville*

- Electronics Specialisation

English, *2022*

B2 Certificate, *Trinity College*

Contact

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