**Raúl Eleusis**

Embedded software developer looking for a position in the automotive field, where my professional experience working with Ford’s ECU application software and academic experience developing cell phone and smartwatch android applications for AES encryption.

**About me**

CRM

**Pérez Carretero**

**Professional experience**

**Software Embedded Developer**

Vitesco Technologies July. 2021- Currently

* Requirements engineering. Import stakeholder requests into internal documentation.
* Function design for application software and documentation.
* C programming and debugging in ECU.
* Experience in unit test using: Tessy & PTU.
* Control version software (IMS).
* Experience testing the software implementation using trace32 and HIL.
* Experience in the management of measuremenet instruments: Oscilloscope, multimeters, frequency generator, etc
* Work with the testing team to find the root cause of bugs and issues.

**CONTACT**

Auricular

3314156160



San José #255, Col Santa Isabel, Tlajomulco de Zúñiga

Sobre

eleusispc@live.com.mx

**Skills**

C embedded programming and debugging.

Requirement engineering.

Unit test (Tessy and PTU).

Control version Software (IMS).

dSpace

HIL

Oscilloscope, multimeter, function generator.

CANoe Basic

Python basic

Linux basic

Git basic

**Academic experience using:**

FreeRTOS Basic

Encryption algorithm (AES)

Android application Basic

Continental Automotive| Product Engineer April. 2018 – July 2021

* Bond between Continental manufacturing and R&D. Update of software or hardware implemented in the production line.
* First pass yield improvement.
* Quality improvement. Continuous improvement.
* Technical support of the product to manufacture.

Continental Automotive| Intern Product Engineer April. 2017 - April. 2018

Support product engineers in activities like:

* First pass yield improvement.
* Monitoring Stop Jidoka inline production.
* Automation with excel macros for KPI files.

Flex| Diagnostic technician July. 2016 - February. 2017

* Finding the root cause for functional defects in electronics boards.
* Manage of multimeter, oscilloscope, and power sources.
* Quality assurance.

**Formation**

**LANGUAGES**

English: Advance

Japanese: Basic

**Aptitudes**

Leadership.

Self-taught.

Companionship.

*The project for my degree is focused on automotive and encryption AES, using smartphone and smartwatch android applications.*

*ITESO 2020-2021*

**Embedded Systems Specialty**

*Centro de Enseñanza Técnica Industrial 2010-2014*

**Technologist in Electronic Development**

*Centro de Enseñanza Técnica Industrial 2014-2018*

**Mechatronics Engineering.**