

# Cristian González Guerrero

53741253-M

Valencia

+34 634 511 696

guyik.cgg@gmail.com

linkedin.com/in/cglezguerrero



## Professional Experience

2021 – 2022 **eesy-innovation Spain SL, R&D Engineer, Granada.**

As a Scrum product owner, meeting with customers to understand requirements, communicate progress, and define and negotiate the features to implement in each sprint. As the firmware development team leader, definition and integration of the embedded systems' development and test setup based on Jenkins, Jira, and Bitbucket; definition of the company's C coding standard; definition and implementation of a QA and robustness strategy; code reviews to guarantee system's robustness. As a firmware architect, definition and implementation of the firmware projects' architecture; development, integration and debugging of device drivers under FreeRTOS.

2018 – 2021 **Real-Time Innovations, Software engineer, security, Granada; Sunnyvale.**

As a software engineer specialized in cybersecurity, development and documentation of security features and tests, with a focus on user experience, debuggability and robustness; support team's security point of contact; security documentation owner. As a Core Team member, development and documentation of product's core features; bug fixing; leverage of robustness with static code analysis tools and warning detection plans. As a former Support Team member, direct communication with customers to track down and debug issues, focusing on customer's success.

2018 **Seven Solutions SL (UGR/OTRI), Security developer, Granada.**

Design and implementation of security frameworks in microcontroller- and linux-based devices. Development of management interfaces based on web technology.

2017 **Infineon Technologies AG, IoT firmware developer, Granada.**

Implementation of security protocols in ARM Cortex-M devices.  
Implementation of drivers for security chips in TI-RTOS.  
Technical documentation writing and preparation.

2016 – 2017 **eesy-innovation GmbH, IoT firmware developer, Munich; Granada.**

TLS protocol implementation for data security in IoT devices.  
Software development for embedded systems based on ARM Cortex-M running RTOS.  
Implementation and test of air-quality sensors in embedded systems for IoT.

**Chip Card & Security (CCS) Special Award**, for the project **Internet of Things & Security Shields**, presented to the Application Design Contest 2016, organised by Infineon.

2016 **Infineon Technologies AG, Engineering trainee (4-month internship), Munich.**

Implementation of network protocols in a multitask system based on RTOS. Data security evaluation.  
**Best demo award (IEEE SECON 2016)**, for the project **RedFixHop**.

## Languages

Spanish First language

English Advanced level

French Intermediate level

C1 certified by Cambridge Language Assessment. (C1 effective level)

Language spoken during the Erasmus year. (B2 effective level)

## Academic Training

- 2016 – 2018 **Master in Data Science and Computer Engineering**, *University of Granada*.  
Master thesis: Data security on embedded systems.
- 2010 – 2015 **Bachelor degree in Telecommunications Technology Engineering, specialized in Electronic Systems**, *University of Granada*.  
Final project: Adaptive filter-based digital system for fetal heart rate extraction.
- 2013 – 2014 **Erasmus year at Louvain-la-Neuve, Belgium**, *Université Catholique de Louvain*.

## Complementary Training

- 2021 **Southern Hemisphere Space Studies Program**, *International Space University*, University of South Australia.  
Team project: Space Assets Technology for Bushfire Management.
- 2016 **Machine learning**, *Stanford University*, Coursera.
- 2014 – 2015 **III Entrepreneurship Course for Undergraduates**, *Aula Andalucía Emprende*.  
**Special mention** for the third best business idea.

## Awards

**Finalist in Valeo Innovation Challenge 2017** with ECOpilot project.

## Other skills

B driving license    Entrepreneurial spirit    Team working skills    Love to speak in public  
Interest in culture    Interest in education    Interest in science communication.