

# Ángel Hurtado Flores — Computer Engineer

 anghflores@gmail.com

 Ángel Hurtado Flores

 +34 619 311 871

 Angel-HF



## Summary

Computer Scientist and Engineer focused in low-level development. My curious nature and innate self-learning abilities have made me well-versed in diverse aspects of computer engineering, with particular emphasis on embedded systems, Linux server administration and networks.

Currently, I am working as an embedded software engineer at Safran Electronics & Defense, where I work with time synchronization technologies such as White Rabbit, PTP, and NTP, as well as using C and embedded variants of Linux.

My engineering background and expertise in embedded software have sharpened my critical thinking, effective communication, and problem-solving skills. These abilities make me a strong candidate for roles specializing in low-level computing and engineering.

## Experience

- 09/24 – ...  **Embedded Software Engineer**, Safran Electronics & Defense — Granada, Spain  
Internship
- Embedded C
  - Embedded Linux
  - Time synchronization protocols (White Rabbit, PTP, NTP)
  - Simultaneously pursuing a Master's degree
- 04/24 – 09/24  **Research Assistant**, ICAR Department, CITIC — Universidad de Granada  
Researcher in swarm robotics. Learning from a researcher awarded an ERC Grant.
- Low-level coding and programming
  - Development and debugging of embedded systems
  - Control & coordination of drone swarms
  - Learning advanced control algorithms
  - Simultaneously finishing my studies in Computer Engineering

## Education

- 2024 – 2025  **Master's degree in Data Science & Computer Engineering** — Universidad de Granada  
Specialization in Computer Engineering
- 2020 – 2024  **Bachelor's degree in Computer Science & Engineering** — Universidad de Granada  
Specialization in Computer Engineering  
Grade: 7.9  
Bachelor's Thesis: *Control and coordination of Crazyflie drones*

## Certifications

### Certifications

- 2019  **C1 Advanced** — Cambridge University Press & Assessment English

## Skills

- |                       |   |
|-----------------------|---|
| Soft Skills           |  <b>Communication, problem solving, critical thinking</b> , teamwork, adaptability |
| Coding                |  <b>C++, C, Python</b> , Rust, Java  |
| Embedded Software     |  <b>Embedded C, Assembly (x86 &amp; ARM), Arduino, ESP32, VHDL</b>                 |
| DevOps/SysAdmin       |  <b>Linux, Bash Scripting, Docker, Ansible</b> , Git, Google Cloud                 |
| Other Computer Skills |  <b>Networking (TCP/IP), Technical documentation writing</b> , Microsoft Office    |

# Languages

---

English	■ <b>C1 Advanced   Cambridge English</b> Achieved C1 level when I was only 16 years old
Spanish	■ Native/Bilingual proficiency
French	■ Elementary proficiency

# Projects

---

## GitHub Profile

- 2020 – ... ■ I strongly recommend exploring my [GitHub profile](#) to discover the variety of projects I have been developing in recent years.

## Rockobot

- 03/23 – 07/23 ■ Robot designed and built for a course while I was studying 3<sup>rd</sup> year of Computer Science. Won the class tournament, received an honors grade and the robot was even featured on the [official Arduino Blog](#). Available on my [GitHub profile](#).

## ezrknpu

- 03/24 – ... ■ Automated installation of libraries and programs needed to use the NPU found in the Rockchip RK3588 SoC. This chip is found on SBCs like the Orange Pi 5 or Radxa Rock 5B which are capable of accelerating ChatGPT-like LLMs through their NPU at under 10W of power consumption. Available on my [GitHub profile](#).