RUBÉN RAMOS SEGARRA

Computer Engineer

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github https://github.com/RubenRS040398

I consider myself a productive, innovative and creative person, who continually adapts to technological advances but always adopting a distinctive approach. I like to work on different stuff within the same field as well as contributing new ideas that help move forward and collaborating with other professionals with the same goal.

LANGUAGES

Spanish Advanced level

Catalan Advanced level

English Intermediate level B2

PROJECTS

2025 — **Generation of the graphic interface design of a program based on the MVC architecture using Machine Learning (Final Degree Project)**

2022 — **Librobot** Robot which interacts with a person to find a book on the shelves by giving a title by voice and sucking it to be able to pick it up (link to GitHub).

2021 — **CasKaggleLOL** Solving a Machine Learning problem using a League of Legends video game database from the Kaggle platform (link to GitHub).

EXPERIENCE

| Intern | ALBA Synchrotron (Internship contract) **10/2025 – 02/2026**

- Design and implementation of a tool for analysing logs from different processes related to agent policies (Filebeats, Metricbeats, etc.).
- Using the Elastic Stack suite for routing to new indexes.
- Development of a front-end to visualize relevant statistics, such as the detection of failures or errors in devices.

SOFT SKILLS

Leadership …in circumstances where there is no clear and defined plan of action.

Creativity …which I acquired at Escola Joan Abelló (in visual and plastic arts and music subjects).

Planification …acquired through my attention to detail and rigor when doing projects.

Organization …regarding the synthesis of knowledge and ideas, embodied in the reports I have written.

Flexibility …since I like new and different challenges that involve new demands which catch my attention.

Eloquence …to share knowledge to my colleagues and strive to help them improve.

Curiosity …that stays alive wherever I look for new sources of knowledge.

Coordination …to see others minds and work as a team.

HARD SKILLS

SQL queries **Project Manager skills**

Software development

Web development

Databases

Machine Learning

Virtual machines

Information systems

Testing knowledge

HOBBIES

Sport Running, cycling, gym, swimming…

Music Music theory and classical guitar (Escola Municipal de Música de Mollet del Vallès).

Videogames **Cinema**

2D and 3D graphical design Technical and artistic drawing skills.

SOFTWARE **|** TOOLS
LIBRARIES

Microsoft Visual Studio Oracle VM VirtualBox Quartus II Web Edition Ubuntu Git Perf SQL Spyder Jupyter Notebook VHDL FPGA Arduino CoppeliaSim Google Cloud JUnit Selenium Cucumber MatLab OpenGL Microsoft Project Trello Kanban Scipy (NumPy, MatPlotLib, Pandas) SKLearn TensorFlow Odoo PHPStorm Oracle Data Modeler Oracle SQL Developer Microsoft Excel Elastic Stack Jinja Graylog

PROGRAMMING LANGUAGES

C/C++ Python LUA Java Visual Basic .NET JavaScript