

Marc Ferrer Margarit

Software
Development
Engineer

Contact

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Skills

Python

Excellent

C++

Very Good

Databases

Good

R

Very Good

Data Visualization

Very Good

C#

I am a very hard-working person, and I always like to have things ready for when they ask me and even have them before if something happens. I am a little shy but only at the beginning, then I lose that shyness. I am also very punctual, and I have no problem in doing more hours to complete my assignments. I also say that I am an orderly person, and I like to follow an order for things and have everything very clear.

Apart from work, at home I usually program some little things to learn and progress. Also, I love video games, and sports, like football. I am a shy person at first sight, but later I will take more confidence and make friends with everyone.

Work History

2021-06 -

Current

Software Development Engineer

Volkswagen Group Services, Barcelona

Developing software for Human Machine Interface (HMI) projects and working on I+D projects. Working with Java, Python, UML, Jira, Confluence and SubVersion.

2018-07 -

2021-05

Software Developer

ITK Engineering, Barcelona

Developing High Level Software applications. Worked on several projects like Android application which controls an electric bike using Bluetooth, improving a virtual testing toolchain, developing unit tests for an application and developing an application for Augmented Reality (HoloLens) and after for Virtual Reality (Oculus Quest). Also developed some webpages and software for integration for the company.

Some of the technologies I used are Android Studio, Java, Kotlin, C++, C#, Unity, Python, Django, Jira, Confluence, SubVersion and Git.

2017-03 -

2018-07

Junior Software Developer

InteriorVista, Barcelona

Developing C++ algorithms for a 3D Visualization Project. Also developed some internal tools for 3D visualizing with C# and Unity.

Very Good

Unity



Very Good

Linux



Very Good

Git



Excellent

Languages

English



Excellent

Spanish



Excellent

Catalan



Excellent

Done my final degree project about Machine Learning with data exported from the internal tools in Python.

2016-07 -

2016-09

IT Technician

MedcomTech, Barcelona

Trainee at the IT Department, maintenance and management of systems and networks of the company.

Education

2020-09 -

Current

Master of Science: Data Science

Universitat Oberta De Catalunya - Barcelona

Master's degree about Data Science and all the software and methodologies. This master is an online master that can be done it everywhere and anytime. Estimated time to finish, 2 years while working.

2015-09 -

2018-06

Bachelor of Science: Computer Engineering

Universitat De Barcelona - Barcelona

The degree provides an extense study of computers and algorithms as computational processes including principles, software and hardware design, applications and their impact on society. Final Degree Project based on the development of a Learning Machine (RBM) to learn, classify and generate new images from previous images from Unity Engine.