Pablo Marcos López

Computational Biotechnologist

PROFILE

Website
https://pablomarcos.me

Email Address
contact@pablomarcos.me

LANGUAGES

English
Cambridge English   May 2016

Level: C1 | Reading: C2 | Listening: C1
Grammar: B1 | Vocabulary: C1

Spanish

I am a native speaker, as I was born in Madrid

French
EU's OLS   August 2020

Level: B2 | Reading: C2 | Listening: C1
Grammar: B1 | Vocabulary: C1

SOFT SKILLS

Team Work 85%	**Flexibility** 90%
Writing Skills 80%	**Creativity** 85%
Public Speaking 90%	**Storytelling** 90%

OTHER ACTIVITIES

Poetry

Free Software

Wikipedia Editing

OpenStreetMap

BOINC Computing

Open Source Licensing

Volunteering

WORK EXPERIENCE

Universidad Politécnica de Madrid
Intern   (June 2020 - September 2020)

During the 'From Game to Theory' teacher-student colaboration scholarship, I helped program 'Who's that Function', an interactive game which teaches students the basics of functions and their properties in an engaging and interesting manner, with an in-game dynamic similar to the 'Who's Who' series."

EDUCATION

Universidad Politécnica de Madrid & INSA Lyon
BSc Biotecnology Degree   (September 2017 - July 2021)

In the degree, students learn:
◦ To evaluate and discern the different molecular and cellular mechanisms responsible for transformations carried out by living beings, as well as to be able to develop alternatives and novelties to known and/or emerging biological problems.
◦ To design and carry out experiments and/or applications independently and to describe, quantify analyse and critically evaluate the results obtained.
◦ To develop biotechnological research (frontier technologies), with a view to its applications.
◦ To prepare and manage business projects and research, development and innovation (R&D&I).
I also took part in an ERASMUS exchange, wich helped me improve my French skills and branch into other areas of knowledge, such as computational biology.

HARD SKILLS

Python Scrypting
https://codeberg.org/FlyingFlamingo/BioPython-Analyzer

I have advanced knowledge on python as an scripting language, and BioPython as a package in particular, as used for Computational Biology.

Linux System Administration

I use GNU/Linux as my main Operating System, and I also manage a self-hosted server using a Raspberry Pi and Yunohost. Mostly debian derivatives.

Godot Development
htps://codeberg.org/FlyingFlamingo/Whos-That-Function

I have used the Godot Engine as part of the game 'Who's That Function', as previously mentioned

PROJECTS

CV Online
https://pablomarcos.me   October 2020

Maintaining an online presence that is independent of third-party platforms and accessible to everyone without the need to log in, for example on LinkedIn, is a project that has always interested me. Made with **Hugo**.

Board of Representatives @ UPM
                                       September 2019

I am part of my university's Board of Student Representatives, and, as such, part of the Biotechnology and Plant Biology Department Management Board, which has helped me learn how big organizations work, and, for example, how budgets get approved.

AULA Student Fair
                                          March 2020

I have been a volunteer to AULA, an International Fair where I helped inform students regarding their future career possibilities in the biosciences and green sciences areas