

MARC LÓPEZ DOMÈNECH

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EDUCATION

Centre de Formació Interdisciplinària Superior (CFIS)

CFIS is a center of excellence at UPC that grants highly motivated students to course two degrees simultaneously

Bachelor in Computer Science, Universitat Politècnica de Catalunya 2020 - to date

Bachelor in Physics Engineering, Universitat Politècnica de Catalunya 2020 - to date

Persuasive communication course, Institut 5 fars

January 2021

Relational styles course, Institut 5 fars

February 2021

SKILLS

Programing Languages	C++, C, Matlab, SQL, R, L ^A T _E X, JavaScript, Assembly(x86 and MIPS), CSS, Python
Tools	Git, Visual Studio, Atom, Wordpress, Excel, Word, PowerPoint
Languages	Spanish (native), Catalan (native), English (high), German (basic)

PROJECTS

3D Printing Research study Mare de Déu dels Angels

- Designed and built from scratch a functional 3D Printer with several upgrades from the ones on the market
- Developed a server capable of controlling the 3D Printing, to improve the user experience
- Achieved the maximum mark

HackUPC 2022 Team Captain

- I took part int the HackUPC 2022 a programming challenge.
- Designed and program from scratch a bot player algorithm (you can find it on my GitHub)
- Achieved the 5th place in the Capchase challenge with more than 100 participants.

[Rec]fugiades Team Captain

- Winner of the "Aprendizaje-Servicio 2019" awards from Educo with the collaboration of the Spanish Government
- Recorded a documentary interviewing and showing up what being a refugee really it is like
- Organized a schedule for the members of the team and myself to write the script and record the documentary

Design for change Team Captain, Mare de Déu dels Àngels

- Organized a two week-long schedule for the 15 members and myself to work to get toys and donations for the poor children from our neighborhood.

AWARDS

ACADEMIC

Residential scholarship 2020 - to date

Honors in Algorithms and Business 2022

Honors in Statistics 2021

High School honors for academic excellence, Mare de Déu dels Àngels 2018-2020

HANDBALL

Third of Catalonia's League

CHESS

Third of Catalonia in blitz chess, Cosmocaixa Tournamet
Winner of Barcelona annual team league
Six times champion of EDAMI's annual school tournament

WORK EXPERIENCE

Robotics Teacher-Assistant Mare de Déu dels Àngels	September 2018 - January 2019
Tutor of High School students	September 2019 - March 2020