

MARC LÓPEZ DOMÈNECH

+34 717-718-746 ◊ Barcelona, Spain ◊ Date of Birth: 22/04/2002

lopez.domenech.marc@gmail.com ◊ [Linkedin](#) ◊ [GitHub](#)

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^AT_EX, 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