

# MARC LÓPEZ DOMÈNECH

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

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

## EDUCATION

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### 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

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

## PROJECTS

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### 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 in the HackUPC 2022 a programming challenge
- Designed and programmed 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

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### 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**

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