

# Francisco M. Lasaca

Computer Science student

## PERSONAL DETAILS

Full name	Francisco Martínez Lasaca
Birthdate	1 June 1997
Ubication	Copenhagen, Denmark (before in Barcelona, Spain)
LinkedIn	linkedin.com/in/fmlasaca
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Email	me@fmlasaca.dev

## EDUCATION

**MSc in Computer Science** 2019–2021  
*IT-Universitetet i København (Copenhagen)*  
Specialisation in Machine Learning.

**BSc in Software Development & Computer Science courses** 2018–2019  
*IT-Universitetet i København (Copenhagen)*  
Entire-year ERASMUS+ mobility.  
BSc Thesis: *Extending and enhancing the C5 Library* (with honors).

**Bachelor Degree in Informatics Engineering** 2015–2019  
*Facultat d'Informàtica de Barcelona (UPC, Barcelona)*  
Active participation in student delegation as mentor and delegate.

**High School** 2013–2015  
*IES Ramón Cid (Benicarló, Spain)*  
Obtained with merits (3<sup>rd</sup> best mark out of 100 students). GPA: 9.4/10.

## WORK EXPERIENCE

**Junior Web Developer** 2017  
*inLab FIB (Barcelona)*  
Development of the official webpage of my faculty (<https://www.fib.upc.edu/>).

## TECHNICAL SKILLS

Expert	C# Java PHP (Drupal) C++ HTML
Intermediate	Python Git CSS SQL Javascript Azure DevOps
Novice	Prolog Haskell R

## KNOWLEDGE TOPICS

Theoretical CS	Functional programming, automata theory, compilers
Algorithms	Graphs, efficient data structures, complexity analysis
Software	Databases, UML, Agile (Scrum), OCL
Images	OpenGL, OpenCV, Filtering, Shaders
Maths	Calculus, Algebra, Logic (propositional and first-order)
AI	State space search (heuristics), KBS, neural networks

## COURSES & ACTIVITIES

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### Hackathons

2018-19

*Participation in different international hackathons*

Copenhacks 2019 (Copenhagen, Denmark)   START Hack 2019 (St. Gallen, Switzerland)  
HackUPC 2018 (Barcelona, Spain)   JacobsHack! 2018 (Bremen, Germany)   Junction 2018  
(Espoo, Finland)   CopenHacks 2018 (Copenhagen, Denmark)

Skills:   Team work   Android   AWS   Google Cloud   Azure   Django   APIs

### Hello Barcelona ACM ICPC Bootcamp

2017

*Harbour.Space University (Barcelona)*

Payed assistance by the UPC because of obtaining the highest mark in a course.

## ★ PRIZES

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### Second place

2019

*CopenHacks 2019 (Copenhagen)*

### Best Use of Amazon Web Services (AWS)

2018

*CopenHacks 2018 (Copenhagen)*

### Best Domain Registered with Domain.com

2018

*jacobsHack! 2018 (Bremen)*

## LANGUAGES

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**Spanish**   Mother tongue

### English – CEFR C1 certificate

2019

*Cambridge University Press*

Certificate in Advanced English (Grade B)

### Catalan/Valencian – CEFR C2 certificate

2016

*Junta Qualificadora de Coneixements de Valencià*

Coneixements de Valencià Grau Superior

## MORE ABOUT ME

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### Interests

Typographies   Design    $\text{\LaTeX}$    Linguistics   Accessibility

### Music

Started playing the piano at the age of 12.

Studies in Modern Music & Jazz Improvisation for 5 years.

### Car license