




# Berta Martínez Pàmias

22 YEARS OLD

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L'Hospitalet de Llobregat,  
Spain

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## EDUCATION

2016 - 2021

Barcelona, Spain

### EHEA BACHELOR'S DEGREE IN PHYSICS (Speciality in fundamental physics)

**Degree Final Project:** ["Simulation of quantum tunnelling on the IBM quantum computers"](#)

Advisor: Bruno Juliá Díaz

*Universitat de Barcelona*

2014 - 2016

L'Hospitalet de Llobregat,  
Spain

### HIGH SCHOOL DEGREE (GRADUATED WITH HONORS)

*Col·legi Tecla Sala*

## MUSICAL EDUCATION

2009 - 2020

Barcelona, Spain

### CLASSICAL GUITAR PROFESSIONAL DEGREE

**Teachers:** Joan Sastre, Maite Rubio, Sergi Vicente

*Conservatori del Liceu, EMD Tecla Sala*

2014 - Present

L'Hospitalet de Llobregat,  
Spain

### CELLO PROFESSIONAL DEGREE

**Teachers:** Mónica Marí

*Conservatori del Liceu, EMD Tecla Sala*

## SKILLS

### LANGUAGES

- ENGLISH First certificate in English (B2) by Cambridge English
- SPANISH Native
- CATALAN Native

### SOFTWARE

Fortran, Python, Qiskit, LaTeX, Calc, Excel, Word, PowerPoint...

## WORK EXPERIENCE

2018

Barcelona, Spain

### Private classes of Physics and Mathematics

2017

Barcelona, Spain

### Musical instruments presentation classes (guitar and cello)

## OTHER INFORMATION

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2021

Online

### QUANTUM COALITION HACK

*Quantum computing Hack Bootcamp and Hackathon hosted by Stanford and Yale, and sponsored by companies such as Google, IBM or Q-CTRL.*

2021

Barcelona, Spain

### MINI-COURSE: INTRODUCTION TO ARTIFICIAL INTELLIGENCE

*5-session course organized by UBICS at Universitat de Barcelona.*

Summer 2015

Oviedo, Spain

### SCIENTIFIC SUMMER CAMPUS AT UNIVERSITY OF OVIEDO

#### "CAMPUS CIENTÍFICOS DE VERANO"

*Scholarship for high school students with brilliant grades, given by Fundación Española para la Ciencia y la Tecnología (FECYT) and Ministerio de Educación y Formación Profesional.*

2015

Girona, Spain

### SCIENTIFIC FAIR IN GIRONA

#### "CIÈNCIA ENTRE TOTS"

*Scientific Fair organized by seminari Física en Context and Centre de Recursos Pedagògics del Gironès in collaboration with professors and researchers from ICFO, University of Girona...*

*I presented to the visitors some physics experiments prepared in my high school.*

Summer 2014

Bournemouth, UK

### ENGLISH SUMMER COURSE IN THE UK

*A summer studying and learning English while living with a local family.*

2012

Barcelona, Spain

### 13th POSITION OF CATALONIA IN THE 35th EDITION OF COCA-COLA'S SHORT STORY COMPETITION

#### "35 EDICIÓ PREMI COCA-COLA DE RELAT BREU"

*Award for short stories written in Catalan by high school students from all Catalonia.*

## INTERESTS

My hobbies are reading, listening to music, making music and travelling.