



## Antoni Latorre Cañabate

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**Languages:** Catalan (*native*), Spanish (*native*), English (*C1*), French (*B2.2*), German (*A2.1*)

### Education

**Master of Science** | *Computational Science and Engineering (GPA: 1.5)*

Technical University of Munich

Started Oct. 2021

Munich, Germany

**Bachelor of Science** | *Physics – Major in Fundamental Physics (8.3/10)*

Universitat de Barcelona

Sep. 2016 – Jun. 2020

Barcelona, Spain

### Work Experience

#### Analyst

Bluecap Management Consulting

Dec. 2020 – June 2021

Barcelona, Spain

- European Banking Authority credit risk stress testing for a top 4 Spanish bank.
- Improved existing Excel VBA and SAS procedures to summarize and troubleshoot data from various sources.
- Coordination to prepare reports for client delivery.

#### Curricular internship

Institute of Cosmos Sciences – University of Barcelona (ICCUB)

Jan. 2016 – July 2016

Barcelona, Spain

- Analyzed data of 100.000+ objects in several astronomical catalogs.
- Developed a Python algorithm to cross-match Gaia satellite observations and catalog references.

#### Summer Fellow

ICFO – The Institute of Photonic Sciences

June 2019 – Sep. 2019

Castelldefels, Spain

- Computational study of 2D materials using Python in the *Quantum Nano-Optoelectronics* group led by Dr. Frank Koppens.
- *Bachelor thesis*: Classical model of a crystal of interacting electrons.

### Other experience

#### NanoGUNE Winter School

Attended lectures on nanoscience and soft skills workshops.

February 2020

San Sebastián, Spain

#### Institute of Space Sciences

One-week internship awarded for the Extraordinary Baccalaureate award.

June – July 2017

Cerdanyola del Vallès, Spain

#### Community of Ariane Cities

One-week, space-related seminars in Lampoldshausen (Germany), Toulouse (France) and Terrassa (Spain).

2014 – 2015

### Honors and Awards

#### ICFO Summer Fellowship

Fundació Catalunya – La Pedrera · Ignacio Cirac Program Chair at ICFO.

June – Sep. 2019

#### Extraordinary Baccalaureate Award

Awarded to 55 out of more than 32.000 students participating in the University Entrance Exams.

Oct. 2016

#### University Entrance Exams distinction

Recognition to students with grades above 9.0/10 on the university entrance exams.

July 2016

### Activities

#### Language groups

Participated in French (speaking) and German (self-learning) language groups in university.

2018 – 2019

Barcelona, Spain

#### High-school project

DIY high-altitude balloon payload with radio communication using Arduino.

June – Oct. 2015

Terrassa, Spain

#### Paper Air Challenge

Creation and design of a plane prototype using only paper and cardboard.

March – May 2015

Terrassa, Spain

#### Exchange student

Outbound exchange.

June – July 2014

Guelph, Canada