

# Abel Doñate Muñoz

Second year (Polytechnic University of Catalonia)  
Mathematics & Engineering Physics  
at UPC, Barcelona

Barcelona, Spain

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## Education

2020-TODAY

### Degree on mathematics

Polytechnic University of Barcelona (UPC)  
Catalonia, Spain

2020-TODAY

### Degree on engineering physics

Polytechnic University of Barcelona (UPC)  
Catalonia, Spain

## Skills

### Programming languages

C++/C#	Intermediate
Python	Intermediate
Bash	Basic
LaTeX	Advanced
MatLab	Basic

### Graphic Design

Inkscape	Intermediate
GIMP	Intermediate
3D-Design	Intermediate

## Languages

Spanish	Native
English	Cambridge First (B2 in EU)

## Aptitudes

- Great ability to focus on a project
- Autodidact

## Hobbies

- Music (professional studies in conservatory of music and piano)
- Sports (tennis and running)

## Experience

### 2018 & 2019 European Night of Research

Collaborator on a mathematical disclosure act to engage the youth in mathematics held in Alicante University (Spain).

### 2021, SUMMER Lectures on Group Representation Theory

Lectures guided by a professor of Polytechnic University of Catalonia on Groups Representation Theory and Group Theory.

### 2021, AUGUST Work on Artificial vision algorithms

Implementing algorithms on artificial vision for quality control in the end of the production line.

## Awards and recognitions

### 2020 Gold medal in Spain's Physics Olympiad

National competition held annually in Spain for students of 17-18 years old.

### 2020 Silver medal in Ibero-American Physics Olympiad

International competition held annually for Spanish speakers students (Spain and Latin America) of 17-18 years old.

### 2020 Participation in Spain's Mathematics Olympiad

National competition held annually in Spain for students of 17-18 years old.

## Scholarships

### 2020-TODAY Full Degree Scholarship (Mathematics)

Full scholarship granted by the Interdisciplinary Higher Education Centre at the Polytechnic University of Catalonia for the whole degree.

### 2020-TODAY Full Degree Scholarship (Engineering Physics)

Full scholarship granted by the Interdisciplinary Higher Education Centre at the Polytechnic University of Catalonia for the whole degree.

### 2020-TODAY Residence Scholarship

Full residence scholarship granted by the Interdisciplinary Higher Education Centre at the Polytechnic University of Catalonia while studying the degrees.