

# ÁLVARO ROMERO CASTILLO

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Location: Dublin, Ireland / Barcelona, Spain

## Education

### Agora Sant Cugat International School

International Baccalaureate diploma (7/7 in Physics Higher Level and Mathematics Analysis and Approaches Higher Level)

2007-2022

### Trinity College Dublin

Bachelor's degree in Theoretical Physics

2022-present

## Skills

### Programming

Python: Intermediate

Experience in numpy and matplotlib

Vim: Basic

Latex: Advanced

Linux: Basic

### Public speaking

Model of the United Nations:

- National High School Model of the United Nations (NHSMUN) in New York City, March 2022
- Iberian Model of the United Nations (IMUN), Lisbon
  - November 2019
  - November 2020 (online)
- The Hague International Model of the United Nations (THIMUN), The Hague
  - January 2020
  - January 2021 (online)

International Schools Assembly Youth Leadership Encounter 2019 in Castellón de la Plana.

<https://isaschools.org/youth-leadership-encounter/>

## **Mathematics and physics**

### **KUMON**

The complete standard mathematics programme plus the extra levels.  
2007-2016

### **Bojos per la física 2021**

Physics programme organised by La Pedrera foundation for 25 highschool students to engage in learning physics with the leading universities and research centers of Barcelona.

<https://www.fundaciocatalunya-lapedrera.com/en/mad-science/course/physics>.

### **NACE/Globeducate Academic Olympics**

Participant in the 201

## **Languages**

Spanish: Native

Catalan: Native

English: Advanced Certificate (C1)

## **Hobbies**