



IGNACIO RODRIGUEZ

ACADEMIC BACKGROUND

2020-currently **Degree in Mathematics with a specialization in Computer Engineering**

University of Barcelone

2018-2020

High School Degree in Science and Technology

Viaró Global School

CONTACT



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ABOUT ME

I am a student of a mathematics degree with a focus on computer engineering. I am passionate about programming and cybersecurity. My goal is to implement these disciplines for the development of society and technological innovation. I consider myself hardworking, creative, and proactive, with the desire to put my technical skills at the service of society.

LANGUAGES

Inglés: Advanced-B1

Español: Native

Catalán: Native

ACHIEVEMENTS

- **University Entrance Exam(PAU):**
Academic distinction: grade of 13.36 out of 14
- **High School Degree in Science and Technology:**
Grade average: 9.55 out of 10
- **Forensic Science Congress:**
Silver Medal at Cambridge (2019)
- **Cangur Math test:**
Top 2% in all of Spain(2018)

SOFTWARE SKILLS

- **C software y Bash software:**
Development of university projects involving mathematical applications and Linux system management/security
- **Python software:**
Participation in Advent of Code and development of optimal algorithms for processing large datasets
- **C++ software y Java software:**
Development of programs following the object-oriented and event-driven programming paradigms
- **Wolfram Mathematica:**
Development of programs applied to the field of Statistics
- **Microsoft Office:**
Word, Excell, PowerPoint, Outlook

EXPERIENCE

- **Grupo Planeta(June 2024-Currently):**
During my cybersecurity internship, I was responsible for developing scripts to automate the monitoring of websites using technical tools such as Burp Suite, Nmap, Wfuzz, and WhatWeb, among others. This period allowed me to gain a deep understanding of website vulnerabilities and their analysis, consolidating my experience in the cybersecurity sector, particularly in web hacking.