Bernat Ibáñez Martínez

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 github.com/bibanez   bibanez.xyz

I'm an undergraduate in Mathematics and Computer Science that is passionate about computers and is eager to apply knowledge in Maths to real world problems.

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1   Education

Universitat Politècnica de Catalunya   2021 - Today

     Degree in Mathematics   Notable Grades: Several Honours in Programming, Computer Architecture and Physics.

     Degree in Computer Science

     Scholarship for academic excellence from the Center of Interdisciplinary Superior Formation (CFIS).

School Sant Miquel dels Sants   2019 - 2021

     Spain National Baccalaureate   Final Grade: 98.6%

2   Awards

International

     2022, Paradigm Conference (Hackathon): OCaml Track Winner

     2021, International Physics Olympiad: Finalist

National

     2021, Olimpíada Española de Física, Gold Medal

     2021, Honours for high marks in the university entrance exams

     2018, Pangea National Maths Competition: 1st Place

3   Experience

I have participated in several **Hackathons** to learn and test new programming skills. I also post about some of my personal projects in a **technical blog** (blog.bibanez.xyz).

Center for Mathematics Research (CRM), Barcelona, Spain   2022

     During my week's stay at the Complex Systems branch of the CRM, I wrote an interactive program that simulates the chaotic behavior of earthquakes.

Youth and Science *("Joves i Ciència")*, Barcelona, Spain   2019

     I was selected by a Science Education Program where I chose to delve into the topic of Astrophysics.

In Love w/ Supercomputing, Barcelona, Spain   2019 - 2020

     I was selected to participate in a series of supercomputing workshops organized by the Barcelona Supercomputing Center.

4   Other skills and interests

Programming languages and technologies

     C/C++ *(main)*, Linux, Python, OCaml, Nix/NixOS, Java, Latex

Languages

     Spanish, Catalan, English (Proficiency), French, German

Music Intermediate Studies in Music Theory and Piano.