María Lucía Aparicio García

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ABOUT ME

I was born in Oviedo, Asturias, Spain in 2004. At the moment, I am a second year student in Math and Computer Science at the Interdisciplinary Formative Centre (CFIS), Universitat Politècnica de Catalunya (UPC), Barcelona, Spain.

EDUCATION

Math and Computer Engineering CFIS (Scholarship)
Universitat Politècnica de Catalunya
2022 - 2026

Secondary School Aramo
(Oviedo, Asturias, Spain)
2018 - 2022

Meres International School
(Siero, Asturias, Spain)
2007 - 2018

CERTIFIED LANGUAGES

English - Cambridge English Certificate of Proficiency in English (C2) - Grade A - December 2021

French - Diplôme d´études en langue française (DELF B2) - June 2021

French Course C.1.1 - Official School for Languages May 2022 -

HOBBIES & INTERESTS

I am heavily interested in activities such as reading or others that are related to music although I also spend a lot of my free time looking at things related to math and programming, specially algorithms and problemsolving.

I love to crochet different patterns I find online as well as try to create my own.

SKILLS

- C++/C
- Python
- Matlab

WORK EXPERIENCE

i2CAT - Summer Internship — June-September 2023
- During my stay at i2CAT I worked on the development of intelligent scheduling strategies for Wi-Fi 8 Multi-Link Devices in industrial scenarios. I also learnt a lot about how the IEEE 802.11 technologies work and how to develop and create a Reinforcement Learning policy using a network simulator.

HONORS & AWARDS

International Junior Scientific Olympiad (IJSO) - Bronze medal — December 2019

Iberoamerican Competition in Informatics (CIIC) - Finalist — May 2021

Spanish Olympiad in Informatics (OIE) -
- XXV Edition - Silver medal - April 2021
- XXVI Edition - Silver medal - April 2022

Girl's Olympiad in Informatics (OIFem) -
- I Edition - Gold medal - March 2021
- II Edition - Gold medal - April 2022

European Girl's Olympiad in Informatics - EGOI
- I Edition - Bronze medal - June 2021
- II Edition - Silver medal - October 2022

National Chemistry Olympiad - Silver medal — May 2022

I Industrial Engineering Olympiad - Third place — May 2022

Graduated Baccalaureate with honors -
- Average score: 10

Extraordinary Baccalaureate Award - — June 2022

II Edition Datathon FME - Qualcomm's problem 1st prize — November 2022

Team member for SWERC (UPC) - 27th out of 120 — February 2023

EXTRAACADEMIC COURSES

Leagues of Code - Advanced group (2021 and 2022) — Harbour.Space University
- A scholarship that consisted of an online course that lasted 6 months each year and where a contest about a certain topic would be held each week.

Leagues of Code - Summer Camp (2021 and 2022) — Harbour.Space University
- A 2-week online course between July and August where they taught algorithms and different techniques related to competitive programming in C++.

VOLUNTEERING

Girl's Olympiad in Informatics - Teacher and problemsetter — 2022 - present
- My role as a teacher in OIFem is to give an introduction to a specific topic related to math or algorithms.
- Moreover, as a problemsetter I should come up with challenging tasks for the participants and help test different solutions for other problems.
- I also participated as a team leader for the spanish delegation for EGOI 2023.