Edgar Moreno Martínez

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1 Education

Universitat Politècnica de Catalunya   2018 − 2023

Degree in Mathematics   Current Grade: 9.2/10
Degree in Computer Science   Current Grade: 9.2/10

Favourite subjects: Discrete Maths (Honours), Algorithms I & II (Honours), Theory of Computation (currently enrolled), Combinatorics & Graphs (currently enrolled), Probability (currently enrolled)

Full tuition scholarship for academic excellence from the Centre of Interdisciplinary Superior Formation

Jaume Vicens Vives   2016 − 2018

International Baccalaureate and Spanish Baccalaureate   Final Grade: 9.0/10
Investigation project about Sports Bets via analyzing data from multiple sources.

Full tuition scholarship for academic excellence from CiMs-Cellex foundation

2 Work experience

Research with Santander Scholarship   Sprint-Summer-2021

I performed mathematics research on Quantum Computing focused on quantum error correction codes with professor Simeon Ball. Had an INIREC scholarship granted by Banco Santander.

Xanadu Trading   Summer-2021

Internship of 3 months at Xanadu Trading, a company that trades in the derivative markets using a fully automated high frequency algorithm. I was employed in the software team and coded high efficiency and robust algorithms to be deployed to production.

HappyScribe StartUp   Summer-2020

Summer internship in the software team in a startup based in Barcelona. Speech recognition and online platform with customers interaction. Had to startup a section from scratch that can be checked here. Reached +50k visitors/month in less than 3 months.

EMDEP TestBoards   Summer-2019

Summer internship in the software team. Research in algorithms and update of UI and databases products. The company focus in support products for the automobile sector (engineering).

3   Achievements

Google Code Jam top 1000	2020
SWERC-ICPC contestant	2020, 2022
Spanish Olympiad in Mathematics: Bronze Medal, Silver Medal	2017, 2018
Spanish Olympiad in Informatics: Silver Medal	2018
Kangaroo Math's tests [1] winner	2016, 2017

SciTech Technion summer camp   2017

Summer camp hold in Haifa, Israel. In this pre-bachelor summer camp assist young students interested in science and technolgy from all over the world. Worked in a research team. The tuition fee was payed by Cellex foundation.

4   Skills

Programming languages and technologies

C++ (projects with more than 10k lines), R, Python, C#, SQL, JavaScript, React, Ruby/Ruby on Rails, HTML, CSS

Languages

Spanish (native), Catalan (native), English (fluent), German (A2), Russian (A2).

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[1]Kangaroo's test is a competition of short maths problems hold in Catalonia where between 4000 and 15000 students parcipate. More info