

Santiago Giner

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Education

HARVARD UNIVERSITY

A.B. Candidate, Physics.

Relevant coursework: Physics 15a, Math 21a, CS50

Freshman Seminar: Black Holes, String Theory,
and the Fundamental Laws of Nature

Cambridge, MA

Present – Jun 2024

INSTITUTO EDUCACIONAL HENRY CLAY

High School Diploma

Graduated summa cum laude, GPA: 19.93 / 20

Dedicated 20h/week to Model of United Nations

SAT: 1520 (M: 780; R&W: 740)

Math Level 2 SAT II: 800 // Physics SAT II: 780

Caracas, Venezuela

Sept 2005 – Jun 2020

Experience

RESEARCH & ENGINEERING

Caracas, Venezuela

Sept 2019 – Mar 2020

- Designed, built, and maintained an Arduino-based autonomous system which monitored the temperature and humidity of the environment of a plant, and, based on the plant's needs, either watered the plant through a pump or turned an LED light on or off
- Successfully grew 40 plants, which demonstrated 30% more growth than plants grown using traditional methods.
- Used the research for my senior thesis at high school

PEER TUTOR

Caracas, Venezuela

Sept 2015 – Jun 2020

- Taught high school physics, mathematics, chemistry, biology, and English to peers at my high school and 5 other schools in the state
- Prepared students for the SAT and SAT II exams
- Developed a community of more than 25 students in the state

Leadership & Activities

BRITISH ENGLISH OLYMPICS (BEO)

London, England

Team Captain

Mar 2018 & Mar 2019

- Led my school's 16-person team in 2018 and 2019 at the BEO, a 2-week competition in London that tests teams on networking, entrepreneurship, debate, and communication skills
- Achieved 2nd place out of 135 schools from 37 different countries in both years
- Topics debated included climate change, artificial intelligence, and global healthcare

MODEL OF UNITED NATIONS (MUN)

Caracas, Venezuela

President

Sept 2017 – Jun 2020

- Competed in 20 different Model of United Nations events at the state and national level, obtaining 7 different best-delegate awards and 12 honorific mentions.
- Planned, implemented, and administrated my own school's MUN 2020, in which 200 students from the whole country participated, with over 30 faculty advisors.

Skills & Interests

Technical: Python programming language (have built basic apps and web pages)

Languages: Fluent English & Spanish

Interests: Science, Technology, Engineering, and Mathematics; research; tutoring