

Iago Mendes



0.1 Personal Data

Full Name Iago Braz Mendes 📅 December 17th, 2001 🏠 Montes Claros, Minas Gerais, Brazil

0.2 Contact

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0.3 Languages

Portuguese (Brazil)

English

0.4 Interests

Astronomy

Physics

Computer Science

Mathematics

1 Standardized Tests

2020	Fisrt Certificate in English: 184 / 190 Reading: 184 / 190 Use of English: 190 / 190 Writing: 182 / 190 Listening: 189 / 190 Speaking: 174 / 190	CEFR Level: C1 (Effective Operational Proficiency)
2019	TOEFL: 103 / 120 Reading: 29 / 30 Listening: 28 / 30 Speaking: 21 / 30 Writing: 25 / 30	
2019	SAT (Superscore): 1390 / 1600 Evidence-Based Reading and Writing Score: 600 / 800 Math Score: 790 / 800	
2019	SAT Subjects Math Level II: 800 / 800 Physics: 770 / 800	

2 Honors and Awards

2019	Bronze Honour International Youth Math Competition (IYMC)
2019	Bronze Medal Brazilian Olympiads of Chemistry (OBQ)
2019	Gold Medal Brazilian Olympiad of Science (ONC)
2019	Gold Medal Brazilian Olympiad of Astronomy and Astronautics (OBA)
2018	Honorable Medal Brazilian Olympiad of Physics (OBF)
2018	Honorable Medal Brazilian Olympiad of Mathematics from Public and Private Schools (OBMEP)
2018	Gold Medal Minas Gerais's Olympiad of Chemistry (OMQ)
2018	Gold Medal Brazilian Olympiad of Astronomy and Astronautics (OBA)

3 Volunteering

2019 – Today	Astronomical Olympic League (LOA) - Content Writer <i>Function:</i> to provide materials focused on Astronomy Olympiads and to give tips about specific activities.	Online Platform
2020 – Today	Brazilians in Action for an International Education (BRAIE) - Mentor <i>Function:</i> to help students in the Application process to the United States of America.	
2020 – Today	International Astronomy and Astrophysics Competition (IAAC) - Official Ambassador <i>Function:</i> to share about this Scientific Olympiad, inviting students to participate in it.	

2019 – 2019 **Olympic Scientific Initiation Program (POIC) - Founder and President**
Function: to encourage students to participate in Scientific Olympiads and to help them studying.

4 Groups

2017 – Today **Odyssey Group - Co-Founder**
Objective: to spread Science in our community and to help students from public schools.

2019 – Today **Montes Claros's Astronomical Studies Center (CEAMONTES) - Member**
Objective: to spread Astronomy and to make public observations with telescopes.

5 Research Projects

2019 – Today **Stratospheric Balloon Launch**
The launch of a balloon with sensors and cameras in order to register images and conditions of the stratosphere. It is a project of the Odyssey Group, which has made an association with CEAMONTES. Currently, we are raising money for the project.

2019 – Today **Air Viscosity Study**
A scientific initiation with the objective of determining the air viscosity by filming a cushioned spring-mass oscillation. Currently, we are finishing the article, which will be published soon.

6 STEM Experience

2018 – 2019 **Advanced Astronomy Training - Student, 11th position nationally**
A training of 5 months (with 3 in-person camps) that selected the top ten students for the International Olympiad of Astronomy and Astrophysics (IOAA) and the Latin-America Olympiad of Astronomy and Astronautics (OLAA).

2018 **Space Journey Program - Student**
An event that invited about 90 students from all over Brazil for a week of immersion in Space Subjects, in which we had lectures and visitations.

2019 **Experimental Classes of Physics - Student**
A week during winter break in which I had contact with experiences of Physics at a high education level. It was organized by a professor from the local Federal Institute.

2019 **Aeromodelling Summer Course - Student**
On December 14th, 2019, I participated in a Summer Course organized by the local aeromodelling group (14 Bits). I spent 8 hours having lectures about their work.

7 Social Activities

- 2019 **Astronomical Meetings - *Founder and lecturer***
Events in which the Odyssey group presents Astronomy for students through lectures and activities, like using a telescope and building rockets from bottles.
- 2019 **Youth Conference for Education - *Organizer***
An event in my hometown (Taiobeiras, MG) that showed young people the importance of studying; it counted with lectures about opportunities and benefits of education. It was organized by three partners and me.
- 2019 **Lunar Eclipse Event - *Organizer***
In July of 2019, the local astronomy group (CEAMONTES) organized an event to show a lunar eclipse for the public. I was in charge of the telescopes.

2019

National Scientific Exposure - *Lecturer*

All public schools in Brazil organized scientific events on November 23rd; I was invited to lecture in a local school about our Solar System.