

Iago Mendes



Personal Data

Full Name

Iago Braz Mendes



December 17th, 2001



Montes Claros, Minas Gerais,
Brazil

Contact

Academic/Professional Email

mendes.iago.braz@gmail.com

Personal Email

iagobrazmendes@gmail.com

Phone Number

+55 (38) 9 8404-3111

Languages

Portuguese (Brazil)
English

Interests

Astronomy
Physics
Computer Science
Mathematics

Standardized Tests

2020

First Certificate in English: 184 / 190

CEFR Level: C1 (Effective Operational Proficiency)

Reading: 184 / 190
Use of English: 190 / 190
Writing: 182 / 190
Listening: 189 / 190
Speaking: 174 / 190

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

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)

Volunteering

2019 – Today

Astronomical Olympic League (LOA) - Content Writer

Online Platform

Function: to provide materials focused on Astronomy Olympiads and to give tips about specific activities.

2020 – Today

Brazilians in Action for an International Education (BRAIE) - Mentor

Function: to help students in the Application process to the United States of America.

2020 – Today

International Astronomy and Astrophysics Competition (IAAC) - Official Ambassador

Function: 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.

Gro ups

- 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.

Res earch 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.

STE M 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.

Soc ial 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 (Taiobairas, 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.