

# Iago Mendes



## Personal Data

### Full Name

Iago Braz Mendes

December 17th, 2001

Montes Claros, Minas Gerais,  
Brazil

## Contact

### Academic/Professional Email

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### 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.