

# Gabriel Fagundes Teixeira

Applicant for undergraduate admissions – Fall 2023

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Career interest: Computer Science with a research focus and entrepreneurship.

## Education

Colegio da cooperativa educacional de Caetite – Bahia, Brazil  
Brazilian Diploma

Graduation: 2021  
Class Rank: 3/53 (2019-2021)

## Extracurriculars

**Academic Research Project** (32hr/w | 23w/year | 12<sup>th</sup>, Post graduate | Creator, Project Manager, Researcher)

Supervised 28 volunteers in a project to contain COVID-19 spread in public places. +30 prototypes sponsored. Was published by a scientific journal.

**Advanced study group in robotics** (9hr/w | 7w/year | 11<sup>th</sup>, 12<sup>th</sup>, Post graduate | Founder, Programmer leader, Prototype developer)

Created a study group at school with 23 robotics-oriented students. Taught programming twice a week and led +10 huge Arduino and C++ projects.

**Self-taught Full Stack developer** (32hr/w | 15w/year | Post graduate | Volunteer internship)

Learned HTML, JS, NodeJS, PHP, and CSS on my own. Recreated Instagram, and Netflix. Selected to a position on ENTER's website development team.

**Self-taught game developer – Java and C#** (7hr/w | 16w/year | 10<sup>th</sup>, 11<sup>th</sup>)

Built my own computer to program games. Learned Java and C#. Recreated Pac-Man, Minecraft, Space Invaders using Eclipse IDE, and DOOM using Unity.

**Computer assembly service – for distance learning** (9hr/w | 10w/year | 11<sup>th</sup>, 12<sup>th</sup> | Owner of a visionary business)

After building my PC, I began a business to sell computers. Built 4 PCs in the first 60 days. +40 PC parts assembled. Earned about 7 minimum wages.

**Foreign Exchange – ENTER international** (60hr/w | 1w/year | Post graduate | Full Scholarship Student, hackathon group speaker)

Took part of resource management, MVP, and green growth projects. Gave a speech for +15 nationalities. Gained experience talking with entrepreneurs.

**Mask donation in pandemics (Community Service)** (10hr/w | 6w/year | 11<sup>th</sup> | Lead Researcher)

Led large-scale production of COVID masks. With my laboratorial analysis of material composition, the production was doubled; Helped 460 people in need.

**Robotics Competition – FIRST LEGO League challenge** (40hr/w | 16w/year | 9<sup>th</sup>, 10<sup>th</sup> | Group leader programmer / Team mentor)

Selected to First Lego League at school. Elected as leader in 3 months. Led robot's redesign and developed an AI code. Team's score increased by 145%.

**Regional United Nations Simulation Group** (13hr/w | 8w/year | 12<sup>th</sup>, Post graduate | Founder, Mediator)

Studied MUN's guide, adapted it to my school. Run simulation with 52 students. Led transition to become a city-hall event, the largest of this kind.

**Municipal Volleyball Team** (3hr/w | 34w/year | 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, Post graduate | Wing spiker (attacker) / Team founder / Captain)

After playing for 5 years, I founded a volleyball team with more than 10 people. Trained weekly. Won 1 regional championship. Team remains.

## Academic Honors

**Scientific publication letter** – recognition of my contribution to science (Post graduate | International)

**Full scholarship for the ENTER international Venetian summer program** – 4% acceptance; about \$ 1,000 (Post graduate | International)

**National High School Exam score (final exam for universities)** – Ranked in the top 9% of 2.8 million students in the math subject (11<sup>th</sup> | National)

**OBR – Brazilian Robotics Olympics – certificate** (top 10% of the state) and national bronze medal (11<sup>th</sup>, 12<sup>th</sup> | State/Regional, National)

**Selected for the Brazil Conference** – 200 from +2300 participants (Post graduate | National, International)