

Gabriel Marchiori de Almeida

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EDUCATION

University of South Florida

Bachelor of Science in Computer Science

GPA: 3.69

Class of 2028

Tampa, FL

PROJECTS AND EXPERIENCES

snAkeCM – Association for Computing Machinery

January 2025 – May 2025

- Used **Python**, **Pygame** and **Json** to make a game that was played and recorded the scores of the **60+** players that attended the presentation.
- Corrected all bugs and created **2** out of the **6** new mechanics of the game: the snake's head becomes the tail after a set time and the apple teleports across the map randomly. Delivered challenge version that was praised for being **fun** and **completely free of bugs**.

Truckbot – Foundations of Engineering Laboratory

August 2024 – December 2024

- Created in a group of **5** students a Proximity Follower robot with 3d printed chassis to introduce **100+** K-12 students into the engineering and robots field.
- Programmed a prototype that utilized **2** Ultrasonic sensors to follow a moving object while avoiding walls and obstructions in the path by coding in **Arduino** with **C++** language.

WORK EXPERIENCE

PROAGRO | Marabá, Brazil

January 2022 - December 2022

IT Manager

- Implemented enhanced functioning of all the machines of the engineering office, being able to attend and successfully fix **100%** of the requests.
- Improved the office's workflow by **50%** without increasing the office's expenses by optimizing the computers' software and hardware to the most used programs.
- Managed to report **30+** maintenance and costs reports monthly in form of detailed spreadsheets in order to improve the office's control of its spending.

LEADERSHIP EXPERIENCE

Escola de Esportes do Alvorada | Marabá, Brazil

January 2023 – December 2023

Sports Captain

- Played and captained the team of **3** sports modality, playing more than **50** matches over the year, and having a win rate of over **65%**.
- Won **3** tournaments throughout the school year, played a **professional competition** with the handball team, and was called to defend a **professional team** after a futsal game.

Sarau Romântico of Alvorada | Marabá, Brazil

January 2022 – December 2022

Event Planner and Organizer

- Organized one of the biggest events in town of the yearly high school theater presentation, being a success with **3000+** in attendance.
- Raised **USD \$20,000+** in funds from sponsorships and tickets, the all time record of theater presentations in town.

Focinhos Carentes | Marabá, Brazil

January 2022 - December 2022

Volunteer

- Responsible for the health and well-being of **100+** pets in a pet shelter, managing the storage of medicine, food and cleaning supplies.
- Participate in adoption events, increasing the adoption rate by **30%** by guaranteeing the quality of the marketing campaigns and pets presentation.

SKILLS

Software: MS Office, TinkerCad, Java, AutoCAD, Wordpress.

Programming Languages: Java, Python, Json C#, C, Javascript, HTML, CSS and DevOps.

Languages: Portuguese (Native), English (Fluent), Spanish (Beginner).