

Thiago Abrante da Costa

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EDUCATION

- **Universidade Federal Fluminense, Volta Redonda, RJ-BR** **UFF**
Bachelor of Science, Computacional Physics 2017 - 2020 (*Interrupted*)
- **Universidade Federal Fluminense, Volta Redonda, RJ-BR** **UFF**
Bachelor of Science, Mechanical Engineering 2020 - 2022
- **Florida Atlantic University, Boca Raton, FL-USA** **FAU**
Master of Science, Artificial Intelligence 2024 - Present

SKILLS & PROGRAMS

- **Programming Languages:**
Proficiency: C and Python
Intermediate: C++, TeX, and HTML
Basic: Matlab
- **Softwares:** All Microsoft Office programs, Canva, AeroLAB, and AutoCAD.
- **Technologies:** Open Source, Ubuntu/Debian/Kali.
- **Languages:** Portuguese, English, and Spanish.
- **Others:** Web Development, Computer Maintenance, and 120WPM typing speed in English.

EXPERIENCE

- **Student Union** **DADJ**
Representative of Mechanical Engineering Students August 2021 - December 2022

As a representative of the mechanical engineering students, I helped give voice to the students during the college's meetings. I consistently defended their perspectives and ensured their rights were respected.
- **Student Union** **DADJ**
Financial Administration Manager August 2021 - August 2022

As a financial manager, I improved my teamwork skills, learned to organize and control all monetary flow in a small company, distributed the money raised in events, and budgeted for products. I also had the opportunity to create and maintain their website, which was my first experience with web development.
- **Universidade Federal Fluminense, Volta Redonda, RJ** **UFF**
Tutoring March 2022 - December 2022

As a tutor of fluid mechanics, I gained a thorough understanding of the subject matter while having the opportunity to work on my teaching and communication skills. I had to organize and prepare materials and sessions in advance to understand and address the emotional and academic needs of students. Working as a tutor also helped me create positive and trustful relationships with students.
- **Universidade Federal Fluminense, Volta Redonda, RJ** **UFF**
Supervised Internship in Mechanical Engineering August 2022 - December 2022

Reported, researched, and gathered data for a rocket project. I helped to restart a rocket project which is part of the Fluid Mechanics course, after had been interrupted during the COVID-19 pandemic. I wrote a step-by-step

report with instructions on how to build rockets and recorded tutorial videos explaining how to use and navigate through the software that creates a rocket modes.

Student Union

DADJ

○ *Financial Director*

August 2022 - April 2023

As a director, I led a team of six members. This experience helped me develop unique skills that I didn't need to focus on as a manager, such as leadership, time management, confidence, public speaking, problem-solving, adaptability, and decision-making. I continued working with the team for four months after my graduation. Due to a reduced number of members for the spring term, they needed more people, and I thought that the most honorable attitude would be to keep working with them until the next tryout, when new members would join the team. I also had to pass on everything I had learned to the future director, which allowed me to work on my teaching skills as well. Working as a Financial Director at DADJ was definitely the most enriching experience during my undergraduate years because it helped me develop skills that I never thought I could be good at, such as public speaking. During my English studies at the Intensive English Institute at FAU, I was awarded second place in the International Speech Competition, which is something I never thought I could achieve before working at DADJ.

EXTRACURRICULAR ACTIVITIES

Florida Atlantic University

FAU

○ *Intensive English Institute*

May 2023 - May 2024

In order to achieve my dream of acquiring a graduate degree abroad, I decided to join an English course in the United States to accelerate my learning process, master the language, and help me feel confident and ready to face the new challenges that I would encounter during graduate school. Before joining IEI, my English knowledge was mostly self-taught. The Intensive English Institute was my first formal English course since having some classes in middle school. When I first came to the U.S., I had a huge gap between my reading, writing, listening, and speaking skills because I had almost no experience practicing speaking. All the meetings in the conversation club and events organized by IEI helped me a lot to practice my speaking and achieve great progress. The reading, writing, and grammar classes definitely helped me to improve, as did the listening, speaking, and pronunciation classes. All the knowledge I acquired during this year at IEI gave me the confidence and certainty that I am ready for the next step: graduate school.