

# Joao Victor Caballero

Atlanta, GA • 470-830-7931 • caballero.joao02@gmail.com

## EDUCATION

**Georgia Institute of Technology,**  
*Bachelor of Science in Industrial Engineering*  
Concentration: Quality and Stats

*Present*

## RELEVANT COURSEWORK

### **Data Analysis Projects**

*August 2024 – November 2024*

- Conducted an in-depth data analysis on the effects of natural disasters across U.S. states, focusing on trends in energy prices and employment rates.
- Scraped and compiled data from various online sources on state-specific metrics, including energy prices and employment statistics, using Python and data processing libraries.
- Analyzed correlations between natural disaster occurrences and economic indicators, identifying significant impacts on energy markets and employment trends in affected states.
- Created data visualizations to illustrate findings and presented actionable insights, such as patterns in economic resilience and vulnerability among states.

### **Optimization**

*Present*

- Gain proficiency in formulating and solving deterministic mathematical programs using standard techniques and software. Develop skills to interpret results, derive insights, and understand the limitations of solution methodologies.

### **Database Studies**

*Present*

- Learn fundamental concepts for designing and using modern database systems, including conceptual modeling, relational models, SQL, and advanced topics like database security, efficiency, and non-relational systems. Explore the database design process from data representation to practical applications.

## ATHLETICS EXPERIENCE

**Georgia Institute of Technology, Atlanta GA**  
*Student-Athlete*

*January 2022 – Present*

- Manage a full academic course load in addition to 20 hours per week of practice, conditioning, film study, team meetings, competition and travel
- ACC Finalist

**Professional Brazilian National Team, Brazil**  
*National Junior Champion*

*December 2021 – Present*

**Sport Club Corinthians, Brazil**  
*Pro-Athlete / Captain*

*January 2020 – December 2021*

- Lead the varsity team to win the 2 years consecutives Junior Nationals
- Committed 30-35 hours a week training with the professional swimming team at the most successful Olympic Club in South America

## EXPERIENCE

**Georgia Institute of Technology, Atlanta GA**  
*Lifeguard-American Red Cross Lifeguard Certificate*

*October 2023– Present*

- Responded quickly and effectively to emergencies, performing lifesaving procedures and administering first aid as needed.
- Supported a safe and inclusive environment by maintaining vigilance and communicating effectively with team members and patrons.
- Conducted regular checks of pool equipment and water quality to meet safety standards.

## SKILLS

**Language:** Fluent in Portuguese and English

**Skills:** Excel, Word, MATLAB,Python,MySQL