

# Gustavo Galvao

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## EDUCATION

**Georgia Institute of Technology**  
*Bachelor of Science in Computer Science*

Atlanta, GA  
Aug. 2025 – Present

**University of South Florida**  
*Bachelor of Science in Computer Science*

Tampa, FL  
Aug. 2023 – May 2025

## EXPERIENCE

**Machine Learning Engineering Intern**  
*iFood*

Jun. 2025 – Aug. 2025  
*Hybrid, Brazil*

- Developed and deployed ML models for chatbots for optimizing response selection with **80%** accuracy to improve user engagement using BERT transformers and SciKit Learn models
- Led the development of a semantic search and summarization platform with LLMs and Qdrant, cutting data extraction time by over **60%** and lookup by **90%**
- Engineered scalable Databricks and Pandas pipelines for data ingestion and processing, text embedding, and AWS SageMaker training/deployment, enabling low-latency inference and building a scalable microservice architecture

**Calculus II Peer Tutor**  
*University of South Florida*

Aug. 2024 – Dec. 2024  
*Tampa, FL*

- Conducted weekly sessions for new engineering students, teaching them Calculus II concepts, improving their comprehension and achieving a **satisfaction rating of over 9/10**
- Held weekly 1:1 tutoring office hours, boosting student performance and achieving one of the **highest attendances of all tutors**
- Fostered a supportive learning environment, increasing attendance, participation, and community engagement

## COMMUNITY ACTIVITIES

**Google Developer Student Club – Tech Shadow & Tech Chair**  
*University of South Florida*

Jun. 2025 – Jul. 2025  
*Tampa, FL*

- Managed a team of **18 leads** in developing modern software solutions for the club's needs, creating workshops, and building mentorship programs
- Developed and presented a data scraping and analysis project to **+30 students**, teaching them how to utilize Python, Pandas, BeautifulSoup, and build ethical, robust data scraping applications
- Organized IT and technology operations during a **200+ person** hackathon, ensuring efficient participant onboarding and meal check-in process

## PROJECTS

**HackUSF Website** | *JavaScript, React, Next.js, Firebase*

Feb. 2025 – Apr. 2025

- Built a **Next.js + Firebase web app** for GDSC's hackathon, implementing authentication, file management, and database communication on a secure backend
- **Led the development of an admin dashboard** to manage participant check-in and ID generation, allocate meals, and automate Discord announcements, reducing operational overhead
- Optimized backend performance, **reducing API response times by 80% and database calls by 90%** through Firestore transactions and query improvements
- Designed scalable backend architecture, that sustained over **50k requests per hour** during peak usage with **no added latency or downtime**

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript

**Frameworks:** React, Next.js, Node.js, LangChain

**Developer Tools:** Git, GitHub, GitLab, Docker, Vercel, Firebase, Databricks

**Libraries:** pandas, NumPy, SciKit Learn, FastAPI, OpenAI