

## Gabriel Tavares Brayn Rosati

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### Summary

Computer Science student (USP) with practical experience in software development and engineering, UI/UX and agile methodologies. Interested in AI, scalable applications with high social impact and user experience. Business value-oriented product vision.

### Education

**USP - Bachelor's Degree in Computer Science** (emphasis on Software Engineering)  
Mar/2019 - Dec/2026 (expected)

**University of Granada (Spain)** - Computer Engineering Sep/2024 - Feb/2025

**Conselheiro Antônio Prado Technical School** - Chemistry Technician  
Mar/2015 - Dec/2017

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### Academic and extracurricular experience

**PRODUTECH** (UX/UX & Product Project Group) Feb/2021 - Feb/2023

**Co-Founder & Project Coordinator:**

- Structuring the group (25 members), visual identity and mentoring
- Leadership in the **National HCI Symposium Design Competition** (2nd place nationally with **RefitificAI (Fake News verification AI)**)
- Restructuring of the ICMC Jr. website with a focus on accessibility (+30% leads)

**ICMC Jr.** (Junior product and software development company) Aug/2021 - Jul/2022

- **People Management:** Restructuring of the selection process and career plan
- **Sales:** Product Owner of the Taximidia project, leading proposals and deliveries
- **Software development:** Creation of the company's new institutional website with React

**USP Guepardo** (Project group and international GP motorcycle competition) Dec 2019 - Jan/2023

- **Co-founder** of the MotoStudent team (European event)
- **HR:** Creating selection, organizational culture and growth (30+ members)
- **Business Relations:** R\$30,000 in savings and technological partnerships
- Social action with **Staedtler** (R\$5,000 in donations to schools)

**CAASO Athletics** (USP São Carlos Campus Athletics) Mar/2019 - Nov/2021

**Events Director:**

- Coordination of **TUSCA** (35,000 people/day, R\$12M turnover)
  - Team management (20 members)
  - Creation of database and methodologies adapted to the pandemic
  - Creation of **TUPES**, a municipal E-Sports competition (2019)
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## **Relevant projects**

- **Shop do Pet - E-commerce Full Stack (MERN)**

**Frontend:** React, React Router, Bootstrap

**Backend:** Node.js, Express.js, MongoDB

**Description:** E-commerce pet with authentication, cart, checkout, admin panel and product customization, with full front-end/back-end integration and MongoDB persistence.

- **AddonIA - (Gemini API+ Java+ React)**

**Frontend:** React, Tailwind CSS, Chrome Extension API

**Backend:** Java Spring Boot, Google Gemini API

**Description:** Extension for Google Chrome that uses an AI agent to summarize, analyze or translate selected texts on any page, with interactive interface and dark/light mode.

- **DBA - Multi-agent system with AI (Java+ JADE)**

**Frontend:** Java Swing

**Backend:** Java, JADE

**Description:** Multi-agent system with A\* pathfinding on unknown maps, communication via ACL and real-time updating of the explored environment, developed in international partnership.

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## **Technologies**

Python, C/C++, Java (Jade, SpringBoot, JSwing), JavaScript (React, TailWind, Angular, Next), SQL, Flask, Node.js, CSS, HTML, AWS, Azure, ApacheKafa, Figma, Git, Linux, Excel, Postman.

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## **Courses and Certificates**

- C and C++ beginner to advanced (Udemy) - **Udemy Certification**.
- AWS S3 Basics certification: **Coursera certification**.
- IHC 2022 Design Competition: **Symposium Certification**.

**Languages:** Portuguese (native), English (C1), Spanish (B2)