

# Raab Iane

+55 11 93058-6664 - raab.iane@gmail.com

**LinkedIn:** in/raab-iane - **Personal Site:** raabiane.github.io/personal-website

## EDUCATION

### Institute of Technology and Leadership (Inteli)

Bachelor of Computer Science and Business

College where students learn through PBL, a teaching method that involves project-based learning.

São Paulo, Brazil

08/2022 - Ongoing

## EXPERIENCE

### BTG Pactual

Summer Intern

07/2023

I worked in investment funds and played a role in managing DOC accounts and tracking investor liabilities. I revamped legacy C# code to enhance efficiency and maintainability. Additionally, I utilized Microsoft Azure for streamlined DevOps pipeline and production deployment.

## TOOLS AND INTERESTS

**Tools** Python (Flask), JavaScript (Node.js/Express.js), Java (Spring Boot), C#, C/C++, Git, SQL, HTML/CSS, Agile

**Interests** Software Engineering, Machine Learning, Data Analysis

## PROJECTS

### Vivo

Transformed Vivo's legacy databases, introducing a caching mechanism for enhanced performance, and reducing query response time from 30s to under 3s. Implemented microservices API in Python/Flask, utilizing key AWS services, and employing Kubernetes orchestration for optimal scalability. Also utilized React for frontend.

### Carps

In partnership with V.tal, developed an algorithm using Java and Spring Boot, applying operational research methods, including the simplex algorithm, to optimize field technician allocation and resource distribution for enhanced efficiency.

### GraphHopper

In collaboration with Rockwell Automation, developed an efficient graphical algorithm to reduce transfer time between stages, optimizing existing resources for maximum effectiveness, and employing Java and Neo4j for the database.

### NisAI

Collaborated with Faculdade de Medicina da Universidade de São Paulo (FMUSP) to devise a personalized breast cancer treatment prescriptive model, achieving 80% accuracy. Analyzed clinical data, employed exploratory analysis, and applied machine learning techniques. Presented actionable insights to the medical team.

### CastleDell

Collaborated with DELL to create a roguelike deck-building game for employee training using the Godot engine and GDScript. Conducted gameplay tests, gathered user feedback, and implemented design adjustments to enhance the learning experience.

## EXTRACURRICULAR ACTIVITIES

### GraceHopper (women in technology club)

09/2022 - Ongoing

Led initiatives fostering diversity, skill-building, and community in tech. Empowered women through events, mentoring, and collaboration.

## RELEVANT CERTIFICATES

AWS Academy Cloud Architecting

AWS Academy Cloud Foundations

03/2023

12/2023