

Raphael Lafeldt

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EDUCATION

Georgia Institute of Technology, Atlanta, GA

May 2028

BSc in Computer Science; Overall GPA: 3.76

Relevant Coursework: Artificial Intelligence, Data Structure and Algorithms, Computer Organization, Object Oriented Programming, Discrete Mathematics, Calculus I & II, Linear Algebra, Statistics

St. Paul's School, São Paulo, SP, Brazil

Aug 2020-May 2024

Bilingual International Baccalaureate Diploma Recipient, 43/45 points

PROFESSIONAL EXPERIENCE

CloudWalk Inc. (Brazilian Unicorn Payments FinTech), São Paulo, SP, Brazil – *AI Prompt Engineer I* **Jun 2025 – Aug 2025**

- Developed CloudWalk's proprietary foundational LLMs and scalable monitoring solutions for internal processes.
- Built multi-agent AI bot using OpenAI APIs to enhance operations team performance to detect false positives in cases where clients got blocked by internal compliance and risk rechecks.
- Optimized allocation in receivables assignment using python linear optimization to reduce daily cost of funding by 3%.

CloudWalk Inc. (Brazilian Unicorn Payments FinTech), São Paulo, SP, Brazil – *Treasury Analyst I* **Jun 2024 – Aug 2024**

- Automated treasury Excel sheets using Apps Script and Python web scraping, streamlining financial updates and interest rate tracking.
- Monitored and managed FIDC (Investment Funds in Credit Rights) assets worth \$250 M to ensure accurate daily funding allocation and liquidity control within treasury operations.
- Developed interpolation functions in Python to enhance the accuracy of financial models and improve forecasting precision by 1-2 bps for funding strategies.

PERSONAL PROJECTS

IntestAI

Nov 2025

- Built "IntestAI," a HealthTech AI-driven dietary analysis app that uses multimodal ML models for real-time food recognition and FODMAP content analysis to help people with gut issues like IBS.
- Integrated retrieval-augmented generation (RAG) pipeline and Supabase backend for personalized low-FODMAP guidance, symptom correlation, and adaptive dietary recommendations.

CareLink

Oct 2025

- Developed a full-stack Django telehealth app integrating Google Gemini 2.0 API with a multi-turn triage system, implementing context-aware severity assessment, doctor dashboards, and role-based access control.
- Built a real-time session-based chat and review system with AJAX interface, user authentication, automated testing, and severity-prioritized triage tracking to ensure reliable AI-powered health evaluation.

ProsperoJus Software

May 2024

- Automated generation of smart contracts and portfolio analysis for the credit fund and implemented a web crawler to get data from government websites for a regression model to predict payment dates.
- Developed CRM software for sales employees to easily access new clients and their data in an intuitive pipeline.

SKILLS AND INTERESTS

Relevant Technical Skills: Python, Java, SQL, C, Pytorch, AI, ML, Data Analysis, Neural Networks, Excel, PowerPoint.

Interests: Trading, Artificial Intelligence, Entrepreneurship

Languages: Fluent in English, Portuguese and German; Basic French.

Fine Arts: Piano (8 years – high mastery), London College of Music Theory Grade 6 Distinction.

Hobbies: Taekwondo, Jiu-Jitsu, Tennis, Kitesurfing, Chess, Sustainable Design.

LEADERSHIP AND COMMUNITY ENGAGEMENT

Georgia Tech Data Science Club, Atlanta, GA, United States - *Member*

Aug 2024 – Present

- Lead a 3-person analytics team to evaluate data accuracy and consistency across 40+ Premier League matches, applying Python and statistical modeling to verify bookmaker pricing integrity.
- Design and implement an algorithm that identify profitable betting opportunities, comparing market odds to predictive models based on historical data.

Georgia Tech Student Fund Investment Committee, Atlanta, GA, United States - *Analyst*

Dec 2024 – Present

- Conduct in-depth financial analysis to identify and evaluate investment opportunities for the \$2 million student-managed endowment.
- Collaborate with a team of analysts to develop and pitch 5+ stock recommendations and 10+ macro newsletters, applying valuation techniques such as DCF, comparable analysis, and market trend forecasting.