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Bio: full-stack software engineer | Python, Ruby on Rails, JavaScript, React

PROFESSIONAL EXPERIENCE

[Global Vision Engineering](#) | Software Engineer Summer Intern (Brussels, Jun - Sep 2022, 4 mos.)

Global Vision gathers and analyzes data (e.g. humidity, topography, biodiversity, weather) from diverse sources (e.g. drones, stations, sensors) to enhance environmental performance - from vineyards to golf courses - through recommendation reports anchored in best practices and ecological principles. I automated data collection from clients and created the logic of the recommendations.

- Created logic that transformed user input (e.g. surveyed answers) and available data (e.g. weather) into ecologically-anchored recommendations, an asset for clients who needed to make decisions that could enhance field or soil performance
- Created 3 standardized and automated recommendation report layouts, which saved company time by replacing manual .docx reports and contributed to building a more polished product, in addition to ensuring clarity and faster decision-making for clients
- Designed workflow and implemented logic to convert data from surveys and other sources into 60+ possible recommendations
- Refactored code used to issue recommendations, increasing readability and reducing lines of code (LOC) by 30%
- Developing a new WordPress website to communicate the company's new services and change the look-and-feel of the brand
- **Stack:** Python, Draw.io, WordPress

[Le Wagon](#) | Teaching Assistant and Lecturer (Brussels, Oct 2021 - May 2022, 8 mos.)

Le Wagon teaches programming from scratch. With +12k graduated students, 160 launched startups that totaled $370M raised.

- Answered questions from students, further explaining concepts on Ruby on Rails, Databases, SQL, HTML, CSS, JavaScript, etc.
- Hosted [free workshops](#) on programming topics to spark the interest of potential students in Brussels and nearby cities

[Safra](#) | Trade Analyst (Dec 2018 - June 2021, 2 yrs. 7 mos.) & Intern (Oct 2017 - Dec 2018, 1 yrs. 2 mos.) | Total: 3 yrs. 9 mos.

Safra is a Brazilian private bank, the 6th largest financial institution in total assets. I was part of the team that defined pricing for credit products to enterprises earning BRL 1M - 50M/year, structuring operations that guaranteed positive spread rates for clients considering customer rating, loan amount, duration, collateral, and current economic and political scenarios.

- Consistently negotiated 15% to 20% spread increase in operations, positively impacting the bank's profit margin
- Supported cross-selling, offering complementary products to increase return on equity (ROE) and return on assets (ROA)
- Ensured accurate calculation of treasury cost, mark-to-market (MTM), fixed and floating interest rates conversions, etc.
- Maintained daily contact with sales and operation teams in all 108 Brazilian branches
- Monitored and controlled market opening and closure spreadsheets, tracked trading desk operation, and updated databases

[Itaú BBA](#) | Middle Office Intern (Jan - Jul 2017, 7 mos.)

Itaú is the largest private bank in Brazil and one of the largest financial institutions in Latin America with over 40M clients.

- Altered operation specifications, assisted with routine trading desk operation cross-checks, registered and monitored calculations

EDUCATION

Bachelor's Degree in Business Administration | Unicamp, Campinas State University (Campinas/SP, 2014 - 2018)

Consistently ranked one of the 3 best universities in Latin America according to [The Times High Education](#), ranking 3rd in 2022. Extracurriculars: financial market club, lectured undergraduate students on Finance subjects, hosted workshops, training sessions.

Web Development Bootcamp | Le Wagon (Brussels, 2021 - Batch #700)

Underwent a 9-week intensive coding course (450h), covering HTML, CSS, Bootstrap, JavaScript ES2015, SQL, Git, GitHub, Heroku and Ruby on Rails. Designed, implemented and launched restaurant reviewer, real estate listings and other apps. Other projects:

- FastTrack, a platform created to make portfolio tracking easy and intuitive, displaying only the most relevant information
- AirQuality Meter, a platform that helps people check the air quality anywhere in the US by inputting a zip code
- Airbnb clone application that mimic the features of its namesake

PERSONAL PROJECTS	Faros, a flash-card-like questions app, helping users have better conversations with significant others
ONLINE COURSES	[#JavaScript30](#) (2022) • [JavaScript Bootcamp](#) (68h, 2021) • [SQL Bootcamp](#) (20h, 2020)
PROGRAMMING LANGUAGES	Python • Ruby on Rails • Javascript • React
PROGRAMMING SCORES	[CodeWars](#) (Kyu 4) • [LeetCode](#)
LANGUAGES	English • French • Portuguese
HOBBIES	Triathlon • Chess • Bouldering