HENRIQUE GODOY

+55 11 94990-8072 São Paulo, SP

henrique.godoy@sou.inteli.edu.br Linkedin Github

- Started Programming with 14 years old
- At 16, I was accepted at Math program of the most competitive university in the country, USP (University of São Paulo).
- At 17, I entered the first class of Inteli (Institute of Technology and Leadership) with a 500k scholarship, colaborating in more than 8 projects companies like with Dell, Pirelli, Vivo and more.
- Achieved a top 200 ranking in the OBMU (Brazilian Mathematical Olympiad for University Students)

EDUCATION

Inteli (Institute of Technology and Leadership) 2022-2026 *São Paulo, SP*
BS, Computer Science
Relevant Courses: Data Structures and Algorithms, Graph Theory, Optimization Techniques, Calculus, Linear Algebra

The University of Melbourne, Australia 2023-2023 *Melbourne, Australia*
Discrete Optimization Course

WORK EXPERIENCE

Founder and Co-CEO Jan 2024- Jul 2024 Doki *São Paulo, SP*

- Developed a comprehensive personal finance app for doctors in Brazil. Led the full development lifecycle, including user journey conceptualization, Figma designs, UX/UI research, sales strategies, frontend development with Next.js and React, and backend development with TypeScript and Node.js. Utilized various cloud platforms such as Azure, AWS, and Google Cloud. Successfully managed a development team and achieved over R$10 million registered.

Teaching Assistant Jul 2023 - Jul 2024 Inteli *São Paulo, SP*

- Provided comprehensive support in various subjects, including Calculus, Linear Algebra, Machine Learning Models, IoT, Graph Theory, Numerical Analysis, and Optimization.
- Collaborated with professors to develop teaching materials and facilitate classroom activities, enhancing the overall learning experience.

Summer Job — IT Fund Services Jul 2023 - Aug 2023 BTG Pactual *São Paulo, SP*

- Successfully conceived and implemented an Artificial Intelligence specialized in interpreting investment fund communications, utilizing advanced natural language processing. Recognized with the Best Project award at the largest investment bank in Latin America.

Summer Job — IT Fund Services Jan 2023 - Feb 2023 BTG Pactual *São Paulo, SP*

- Completed development of a C system essential for automated report generation for BTG's funds at the largest investment bank in Latin America.

PROJECTS

NisAI Development and research of an ML model for the University of São Paulo's Medical School (FMUSP) and ICESP (Instituto de Câncer do Estado de São Paulo), the largest cancer treatment center in Latin America, focused on identifying the most effective and personalized treatment for breast cancer patients.(Open project)

Santiago Development of a finance quantitative algorithm utilizing advanced techniques such as Variational Autoencoder (VAE), Principal Component Analysis (PCA), and LSTM, the algorithm conducts a holistic analysis from data preprocessing to future trend projection. The strategy includes correlated variable selection, regression analysis, and portfolio allocation based on Markowitz's Modern Portfolio Theory, aiming to maximize the Sharpe Ratio. (Open project)