

Henrique Chaves Magalhaes de Menezes

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Education

IMT Nord Europe Master's Degree (Double Degree Program) — Digital Sciences and Technologies	Lille, France 2022 – 2024
Federal University of Rio de Janeiro (UFRJ) Bachelor of Science — Computer and Information Engineering	Rio de Janeiro, Brazil 2019 – 2026

Experience

Giskard AI Software Engineer	Paris, France April 2023 – Present
- Maintained and co-owned the roadmap of an open-source Python library for AI evaluation, coordinating feature releases, versioning, backwards compatibility, and community contributions - Developed full-stack features and SDKs across a Python (FastAPI) backend and React/Next.js frontend for a platform enabling teams to test and optimize LLMs and AI Agents for quality and safety - Designed and documented REST APIs with a focus on developer experience, clear contracts, and long-term maintainability - Established CI/CD pipelines and automated test suites ensuring reliability and consistency across releases - Prioritized UX and product quality across the platform, from API design to frontend workflows	
Hurb Machine Learning Engineer	Rio de Janeiro, Brazil April 2022 – February 2023
- Built ML-driven feature engineering pipelines for a room mapping project to improve data quality and system performance - Applied Vertex AI AutoML and Named Entity Recognition (NER) techniques to automate feature extraction from unstructured data	
IBM Research Artificial Intelligence Intern	Rio de Janeiro, Brazil July 2021 – March 2022
- Implemented web services for Hyperknowledge Graph, an AI knowledge representation platform developed at IBM Research - Built a data visualization interface to support researchers in exploring and analysing graph model outputs - Deployed and operated services on OpenShift and Kubernetes, gaining hands-on experience with containerised workflows and CI/CD pipelines (Docker, TravisCI) - Ran performance benchmarks to evaluate and compare multiple AI models under varying conditions	
RIO Analytics Data Science Intern	Rio de Janeiro, Brazil March 2020 – May 2021
- Built ML pipelines for predictive maintenance projects, covering data cleaning, curation, and analysis - Performed hyperparameter optimization and deployment of ML/DL models using TensorFlow (Keras) and Scikit-learn	

Certifications & Awards

CKAD: Certified Kubernetes Application Developer — The Linux Foundation	Dec 2025
GreenHack Hackathon Winner — ArianeGroup / TUM / IMT Nord Europe	Dec 2022
Built an AI-powered MVP to optimize industrial processes for sustainability, including energy consumption prediction and anomaly detection	
Siemens Hackathon Winner — Siemens Brazil	Nov 2019
Built a monitoring dashboard and alert system to track and integrate all devices on an oil platform	

Skills

Technical: Python, Node.js, TypeScript, FastAPI, React, Pydantic, Next.js, LiteLLM, PydanticAI, TanStack, Tailwind CSS, Shadcn UI, PostgreSQL, Docker, Kubernetes, GitHub Actions, Helm, Google Cloud Platform (GCP)

Languages: Portuguese (Native), English (C1), French (C1)