Contact

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www.linkedin.com/in/henrique-rotsen-santos-ferreira (LinkedIn)

Top Skills

Cybersecurity

Machine Learning

Python

Certifications

Participation Certificate - Tempest Academy Conference 2024

Henrique Rotsen

Researcher at UFMG | Machine Learning Engineer at Radio Memory

Belo Horizonte, Minas Gerais, Brazil

Summary

Currently, I am a Computer Science student at UFMG, with a dual passion for the automotive
and technology sectors.
Throughout my academic journey, I have consistently pursued continuous learning in new
technologies and tools. I began my professional career at 20 in a bidding company, where I
gained solid experience with regular expressions (Regex). Since then, I have been advancing in
the job market, accumulating diverse experiences.
Today, I work across three distinct areas:

Cybersecurity: Conducting vulnerability assessments for systems at GSI and MPMG;

AI Development: Building neural networks for one of Brazil's largest radiography companies;

Freelance Projects: Devoting weekends to on-demand tasks.

This trajectory reflects my proactive and dedicated mindset: I tackle challenges with
determination, seek creative solutions to complex problems, and when faced with unfamiliar
knowledge, commit to learning it quickly.

Experience

Radio Memory
Machine Learning Engineer
January 2025 - Present (8 months)
Belo Horizonte, Minas Gerais, Brasil

I help the company develop and improve the neural networks that process X-rays.

Departamento de Ciência da Computação - UFMG
Cybersecurity Researcher
September 2024 - Present (1 year)
Belo Horizonte, Minas Gerais, Brasil

Cybersecurity researcher focused on Zero Trust Architecture

Plural Systems
Software Development Intern
March 2024 - September 2024 (7 months)
Belo Horizonte, Minas Gerais, Brasil

ADAC Motors
Intern
January 2024 - March 2024 (3 months)
Nova Lima, Minas Gerais, Brasil

Universo Licitações
Software development assistant
July 2021 - December 2023 (2 years 6 months)
Brasil

I help develop the setup of a robot for capturing bids.

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Education

Universidade Federal de Minas Gerais
Bachelor's degree, Computer Science · (December 2020 - December 2025)

Pontifícia Universidade Católica de Minas Gerais
Bachelor's degree, Computer Science · (January 2020 - December 2020)

Colégio Santa Dorotéia
High School Diploma · (January 2015 - December 2018)