Henrique Rotsen Santos Ferreira

Belo Horizonte, Minas Gerais, Brazil

Contact

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Key Competencies

• C, C++, C#	• Knime	• Optimization
• Python	• SQL	• .NET
• AI	• Regex	• Agile Methods

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

Universo Licitações – Software Development Assistant (C#)

    July 2021 - December 2023

Adac Motors LTDA - Intern

    January 2024 – March 2024

Plural Systems Eirel – Intern (Full Stack Developer)

    March 2024 – September 2024

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UFMG – Researcher (Scientific Initiation Program)

September 2024 – Present

Radio Memory – Machine Learning Engineer

January 2025 - Present

Academic Background

- Pontifical Catholic University of Minas Gerais (PUC Minas) | Bachelor's Degree, Computer Science - (January 2020 - December 2020)
- Federal University of Minas Gerais (UFMG) | Bachelor's Degree, Computer Science – (January 2021 – December 2025 [Expected])

Languages

English - Advanced

Portuguese – Fluent

Certifications

Tempest Academy Conference 2024