

Contato

nextmarte@hotmail.com

www.linkedin.com/in/marcus-ramalho-8a440545 (LinkedIn)
github.com/nextmarte (Personal)

Principais competências

Lakehouse

MinIo

ETL

Languages

Inglês (Professional Working)

Spanish (Elementary)

Certifications

R para Machine Learning

Certificado de Moderador - Finanças (FIN) - XV CASI

Gradio Agents & MCP Hackathon 2025

Tidymodels intermediate (LatinR 2023 - Uruguai)

Engenharia de dados

Publications

Análise empírica sobre fundos imobiliários no Brasil

A inteligência artificial nas ciências de dados.

Aplicações em R: encurtando distâncias nas ciências

Marcus Ramalho

AI Developer | Machine Learning Engineer | Applied AI & RAG Systems | Researching AI | AI Governance

Niterói, Rio de Janeiro, Brasil

Resumo

I am a Data Scientist and AI Developer with a Master's in Business Administration (PPGAd-UFF). My expertise focuses on data science using R and Python, full-stack system development, and developing artificial intelligence applications. I currently serve as a Senior Python Developer at CID-UFF, where I build end-to-end management systems using Python (Django, Streamlit) and R (Shiny). My research interests include AI governance, Information Systems, and Personal Knowledge Management, and I am seeking opportunities to apply this experience to new challenges in data and AI.

Experiência

CID - UFF

Artificial Intelligence Engineer

fevereiro de 2024 - Present (2 anos 1 mês)

Rio de Janeiro, Brasil

Senior developer at the Data Intelligence Center (CID - UFF). My primary responsibility involves the development of management systems using Python (Django, Streamlit) and R (Shiny). Additionally, I provide consulting services, offering expertise in developing applications that encompass data collection, processing, storage, modeling, and visualization.

Universidade Federal Fluminense

2 anos 10 meses

Teacher

janeiro de 2024 - janeiro de 2026 (2 anos 1 mês)

Niterói, Rio de Janeiro, Brasil

Teacher at the executive Data Science training course

Teacher

junho de 2023 - janeiro de 2026 (2 anos 8 meses)

Niterói, Rio de Janeiro, Brasil

Teacher at the MBA in Corporate Finance and Capital Markets in the subject finance with R

Teaching Internship

abril de 2023 - julho de 2023 (4 meses)

Rio de Janeiro, Brasil

Completed a supervised internship in applied quantitative methods in finance and financial mathematics at UFF's academic master's in administration program (PPGAd).

CL Web rádio

Project Manager

janeiro de 2019 - dezembro de 2021 (3 anos)

São Gonçalo, Rio de Janeiro, Brasil

I have been involved in all stages of the project, with a focus on budget management, procurement, and technical training. I was responsible for overseeing the programming and development of the website and the Android radio application.

Universidade Federal Fluminense

Tutor

julho de 2020 - dezembro de 2020 (6 meses)

Tutor in finance with R subject

Fundacao Carlos Chagas Filho De Amparo A Pesquisa Do Estado Do Rio De Janeiro-Faperj

Researcher

março de 2019 - dezembro de 2019 (10 meses)

Niterói

Conducted an in-depth analysis of data obtained from the National Library collection and O Globo newspaper using established social science research methodologies. The findings were disseminated through the publication of two academic articles and a comprehensive research report.

Universidade Federal Fluminense

Extension scholarship holder

julho de 2018 - dezembro de 2018 (6 meses)

Niterói

Served as an Extension Fellow and co-organized the annual meeting of the Laboratory of Innovation, Technology, and Sustainability (LITS).

Grupo Águas do Brasil

Intern

fevereiro de 2017 - junho de 2018 (1 ano 5 meses)

Niterói

Câmara de vereadores de Niterói

IT advisor

julho de 2014 - dezembro de 2016 (2 anos 6 meses)

Niterói, Rio de Janeiro, Brasil

Provided comprehensive technical and creative assistance, encompassing equipment maintenance, marketing strategies, website development utilizing WordPress, and audio/visual editing services.

Chemtech

Project designer

novembro de 2009 - abril de 2014 (4 anos 6 meses)

Industrial piping design

Design of pipe supports

Stress analysis

technical drawing

Routine automation

Formação acadêmica

COPPEAD UFRJ

Doctor of Philosophy - PhD, AI Governance · (dezembro de 2025 - março de 2030)

Universidade Federal Fluminense

Master's degree, Finance administration and data science · (2022 - novembro de 2024)

Universidade Federal Fluminense

Bachelor of Business Administration - BBA · (2016 - 2020)

Universidade Federal Fluminense

Entrepreneurship · (janeiro de 2013 - dezembro de 2015)

Cefet/RJ - Centro Federal de Educação Tecnológica Celso Suckow da Fonseca

Technician in Industrial Mechanics. , Design of structural elements. · (junho de 2006 - junho de 2009)