

Yanka Ribeiro

BSc. Computer Scientist | Certified Machine Learning Engineer

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WORK HISTORY

Hvar Consulting, São Paulo — *ML Engineer/Researcher*

SINCE MAY 2024

- Developed and deployed scalable AI solutions on Google Cloud (Vertex AI, BigQuery, Cloud Run, Compute Engine)
- Designed computer vision and NLP prototypes, achieving up to 89% F1 and 40% efficiency gains
- Conducted feasibility studies to assess technical and business impact of ML projects

IBM Consulting, São Paulo — *Data Scientist*

APRIL 2022 - DECEMBER 2022

- Built ML pipelines for budget classification, reaching 90% precision in production use
- Delivered end-to-end solutions: client requirement analysis, secure pipeline deployment (Docker, Python, Scikit-learn, NLTK)
- Ensured compliance with data governance and security standards

Edge Research Lab, Maceió — *ML Engineer*

JANUARY 2021 - FEBRUARY 2022

- Designed and deployed NLP systems (spaCy, fine-tuned BERT) to automate government bid analysis
- Reduced bid losses by 65% through predictive models integrated via RESTful APIs and Docker
- Collaborated with multidisciplinary teams to align research prototypes with business applications

EDUCATION

TU Dresden, Dresden — *MSc.*

OCTOBER 2024 - JULY 2027 [PREDICTED]

MSc. Computational Modeling and Simulation, track Visual Computing

Main modules: Computer Vision, Machine Learning, Scalable Data Engineering

TECHNICAL SKILLS

Deep Learning, Computer Vision, NLP, Metric Learning, Scientific Research, Google Cloud (Vertex AI, BigQuery, Cloud Run, Compute Engine), Docker, Git, CI/CD, Python, C++, SQL, TensorFlow, PyTorch, Hugging Face, Scikit-learn, OpenCV, spaCy, NLTK

CERTIFICATIONS

Professional Machine Learning Engineer Google, 2025

Associate Machine Learning Specialist IBM 2022

Associate Data Scientist IBM 2022

LANGUAGES

Portuguese (Fluent), Spanish (Fluent), English (Fluent), German (Intermediate)

Federal University of Alagoas, Maceió [Brazil] — BSc.

SEPTEMBER 2019 - DECEMBER 2023

BSc. Computer Science with final grade 1.7 (equivalent in GER)

Main modules: Deep Learning and Image Processing, Software Design and Development, Project Management, Data Science

Bachelor Thesis: “Evaluation of deep metric learning methods for the diagnosis of human visceral leishmaniasis”

VOLUNTEER WORK / INTERESTS

KATIE (Women in STEM Program) — Marketing Volunteer

Organized student–faculty communication, surveys, and orientation

AcHa Hacker Outreach Program — Member

Published cybersecurity articles to the university community and joined technical trainings

IEEE Computer Society — Student Volunteer

Supported academic and outreach initiatives in computer science

GEMA (Competitive Programming & AI Group) — Co-founder

Built first AI-focused study team for programming marathons and competitions

Student Academic Office (DIACOM – IC/UFAL) — Secretary

Organized student–faculty communication, surveys, and orientation

Additional Interests: Martial Arts (Krav Maga) • Language Learning • Philosophy & Theology