MACEIO, BRAZIL
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Yanka Ribeiro

TECH STACK

python, data wrangling, pandas, numpy, scikit-learn, tensorflow, opencv, seaborn, matplotlib, pyspark, google cloud (big query, vertex ai), mysql, git.

EXPERIENCE

IBM, Remote (Sao Paulo HQ) — *Data Scientist Intern*

april, 2022 - december, 2022 (eight months)

- full stack experience in machine learning: built an end to end production evaluation engine to optimize cost data labeling for bank employees, enhancing insights into the bank's expenses and team portfolio.
- achieved 90% precision, on average, with a variety of supervised and unsupervised ML models to determine the most common budget category associated with each expense pattern.

Edge AI Laboratory, Maceio — *Machine Learning Engineer, NLP Team*

january, 2021 - february, 2022 (one year)

- designed and implemented a rule-based NLP engine for automatic extraction of key specifications from lengthy tender documents, later used in a recommendation system for a company to optimize their bid process in public tenders.
- responsible for fine-tuning BERTimbau (PT-BR) for matching and extracting more complex and dynamic features related to CT equipment technical specifications.
- successfully reduced the chances of bid losses due to inaccurate equipment recommendations by 65%, leading to improved win rates in competitive tenders.

PERSONAL PROJECTS

available at my portfolio website.

cross-disciplinary projects involving nlp, computer vision, data exploration, manipulation and transformation.

CERTIFICATES

computer vision | Kaggle | 2023

feature engineering | Google Cloud | 2023

tensorflow on google cloud | Google Cloud | 2023

gcloud big data and ml fundamentals | Google Cloud | 2023

tensorflow bootcamp | OpenCV | 2023

opencv bootcamp | OpenCV | 2023

mlops | DataCamp | 2023

ai associate data scientist | IBM | 2022

machine learning specialist | IBM | 2022

data science methodologies | IBM | 2022

agile explorer | IBM | 2022

EDUCATION

Federal University of Alagoas, Maceio — *BSc. Computer Science*

september, 2019 – december, 2023 **(in progress)**

- teaching assistant, twice, for the Computer Science department.
- member of the CS Student Association.
- volunteer in outreach programs: information security, IEEE and competitive programming.
- two research internships in the field of biomedical computing, focusing on ml/dl applications in ophthalmology.
- 3.4 gpa