MATHEUS PERCHES

CONTACT INFORMATION

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SKILLS

- SQL (MySQL, T-SQL)
- Python (Pandas, MLFlow, NumPy)
- Tableau (Building reports)
- Excel (Basic formulas for organizing and sorting cells)
- Git / Github code versioning
- Fluent English / Native Portuguese

PROJECTS

Fetal Health - Personal Project - AQA, SP

- Implemented **Python** to predict the health state of a fetus, based on sample data provided during my Software Architecture course.
- Implemented libraries such as **Numpy**, **Pandas** and **MLFlow** to read the sample data and build the model.
- Compiled the package into a Docker image and implemented the **FastAPI** library to make it accessible through the **Azure Cloud** service.

Music Recommender - Personal Project - AQA, SP

- Implemented **Python** using a small sinthetic dataset of music preferences
- Implemented **Pandas** and **SKLearn** to read and train the model.
- This project includes a **persistent** prediction model using the **Joblib** library for music prefences based on gender and age.

6DoF TimeAttack - Personal Project - AQA, SP

- A third person six degrees of freedom spaceship.
- Implemented with a combination of **C++** and **Blueprints** in **Unreal Engine 4**
- The purpose of this project was to practice my programming skills and challenge myself with something I was personally interested with.

PROFESSIONAL EXPERIENCE

Wipro

- **Title**: Quality Engineer
- **Date**: 06/2021 – 10/2023
- Worked for an US based client conducting test case conception based on functional documentation and user stories via Jira Align, and implementing them within Tricentis qTest. Performing end-to-end testing, leading squads through agile methodologies and building reports with Tableau and Excel.

MoveMais

- **Title**: QA Intern
- **Date**: 02/2020 – 06/2021
- Hired as an intern and later promoted to Junior QA, I was tasked with gathering and documenting functional requirements, creating test plans, and conducting end-to-end tests to ensure compliance with specified requirements. Additionally, I automated data generation using Postman and SQL.

ACADEMIC

- **Distributed Software Architecture** - Post Graduation Degree at PUC Minas
  - A specialization course on Frontend / Backend architecture, as well as a deeper dive on data related subjects and Agile methodologies.
    - **End date**: 03/2024
- **Information Systems** - Bachelor at Uniara
  - **Dissertation:** https://recima21.com.br/index.php/recima21/article/view/1578
  - Studies on Programming logic, data structures and project management.
    - **End date:** 10/2022