Wictor Martins

MSc Computer Science

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Experience

Artificial Intelligence Developer
Remote - Brazil

Hypeone
Jun. 2022 - Present

- Development liveness detection, optical character recognition, and image segmentation
- Management docker containers.
- Technologies used: Docker, Git, Python, OpenCV, Tesseract, and CRAFT Text Detector.

Data Engineer
Remote - Brazil

Grupo Boticario
Jun. 2021 - July. 2022

- Data consumption via batching and micro-batching processes.
- Implement pipeline monitoring systems and data quality.
- GCP tools used: Big Query, Cloud Storage, Data Fusion, Cloud Function, Data Transfer, and Composer (Airflow).

Data Engineer
Belo Horizonte, Brazil

Capgemini
Jun. 2020 - May. 2021

- Designed Data modeling for DataLake and DataMarts.
- Implemented several pipelines for ingesting, transforming, and storing structured and unstructured data (SQL, JSON, CSV, and PDF tables) from different sources, such as SQL Server, Blob Storage, Microsoft SharePoint, FTP, and Web Services
- Azure tools used: Data Factory, Databricks, Logic Apps, Azure Functions (Python), and Cognitive Service.

Software Engineer & BI Analyst
Itajubá, Brazil

DDMX - Intelligence in Data Analysis
May. 2018 - Marc. 2020

- Investigated the quality of large volumes of data and designed BI dashboards.
- Built and developed system integration APIs.
- Improved data quality in its processing flow (ingestion, integration, transformation, storage and visualization).
- Coordinated the research group on Big Data and Machine Learning.
- Technologies used: Python, Java, JavaScript, Git, MongoDB, Elasticsearch, Kibana, Docker, and RabbitMQ.

Software Engineer
Itajubá, Brazil

GoGreen Solutions
Jun. 2017 - Jun. 2018

- Designed full workflow of processing data (data collection on IoT devices, validation, storage, and analyses).
- Developed a web application to monitor real-time information, indicators and reports by using Django Framework and Mosquitto MQTT.
- Technologies used: Python, Git, MQTT, PostgreSQL Database, Django Rest Framework and Highcharts.

Engineering Internship
São José dos Campos, Brazil

Embraer
Jan. 2016 - Dec. 2016

- Developed engineering tools for structural analysis of the fuselage and tools to assist the production team.
- Technologies used: Python, Java, JavaScript, C ++ / CLI, and MySq Database

Education

Posgraduate Degree, Analytics and Machine Learning
São Paulo, Brazil

FIAP
Abril. 2023 - Feb. 2024

- Data analysis, Machine learning, Deep learning, Time series, Big data, DataViz, and Production Models data

Master Degree in Computer Science
Itajubá, Brazil

Federal University of Itajuba
Mar. 2017 - Feb. 2019

- Reference method for performance evaluation in Big Data architectures. The proposed approach considers the relationship of the processes in a data processing flow to find possible bottlenecks and resource optimization.

Bachelor in Computer Engineering
Itajubá, Brazil

Federal University of Itajuba
Mar. 2010 - Dec. 2016

- A year of academic exchange at the University of Valencia, Spain

Honors & Awards

2020	**Published Paper - IEEE International Conference on Services Computing**, A Reference Method for Performance Evaluation in Big Data Architectures - Online access on IEEExplore	*Beijing, China*
2017	**Master Degree Scholarship**, CNPq	*Itajubá, Brazil*
2012	**International Exchange Scholarship**, CAPES	*Valencia, Spain*

Certifications

2023	**Microsoft Certified: Azure Data Engineer Associate**, Credential
2023	**Alura certified: Advanced Machine Learning**, Credential
2022	**Alura certified: Docker DCA**, Credential
2020	**Microsoft Certified: Azure AI Fundamentals**, Credential
2020	**Microsoft Certified: Azure Data Fundamentals**, Credential
2020	**Microsoft Certified: Azure Fundamentals**, Credential

Technical Knowledge

Artificial Intelligence	Computer Vision and Time Series
Cloud Computing	Azure and GCP
Data Analysis	Seaborn, Pyplot, Pandas, Elasticsearch, and Kibana
Database	Big Query, Postgres, and MongoDB
DevOps	Linux, Docker, and Git
Programming Languages	Python, Java, and JavaScript
Speak Languages	Spanish and English