

Guilherme Delgado

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Summary

Data Engineer with 6 years of experience in data-related fields. Skilled in data architecture, data engineering, data analysis, and machine learning. I possess an agile profile with quick learning abilities and a proactive approach, which enables me to swiftly adapt to new technologies and methodologies, anticipate needs, and resolve problems efficiently, delivering significant benefits to the organization. I specialize in building comprehensive end-to-end solutions for high-value business initiatives.

Skills

- **Programming Languages:** Python, SQL, C/C++, JavaScript, R, MATLAB, PHP, VBA
 - **Data Technologies:** PySpark, Databricks, AWS (Lambda, S3, Redshift, Glue), MongoDB
 - **Machine Learning:** Deep Learning, TensorFlow, Scikit-learn, ML algorithms
 - **Data Visualization:** Power BI, Matplotlib, Seaborn
 - **DevOps Tools:** Git, GitHub, GitLab, Azure DevOps
 - **Agile Methodologies:** KanBan, Scrum
 - **Web Technologies:** HTML/CSS
 - **Office Applications:** Microsoft Office Suite
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Certificates

PCAP™ – Certified Associate Python Programmer, PCEP – Certified Entry-Level Python Programmer , Intro to Python for Data Science Course, AWS Cloud Practitioner Essentials, Unraveling Industry 4.0

Languages

Portuguese, English, Spanish, Korean

Links

[LinkedIn](#)

[Kaggle](#)

[GitHub](#)

Experience

Data Tech Leader

Enacom - Handcrafted Technologies • Belo Horizonte, MG

08/2023 - 06/2024

- Led and coordinated a data team to build ETL processes for complex projects for industry clients including Gerdau and VLi, using PySpark and SQL for efficient data transformations.
- Managed data storage in Databricks Lakehouse, integrating with client infrastructure via Kafka.

Data Analytics

Enacom - Handcrafted Technologies • Belo Horizonte, MG

08/2019 - 08/2023

- Conducted extensive data analysis using Python and statistical libraries, formulating ML models to predict database behavior.
- Processed and analyzed large datasets with PySpark and Pandas, employing machine learning algorithms for model training.

Computer Vision Intern

Enacom - Handcrafted Technologies • Belo Horizonte, MG

08/2018 - 08/2019

- Developed segmentation algorithms for stroke imaging and implemented projects on AWS with serverless architecture.
- Executed character recognition projects using Python and computer vision libraries to identify metal plates in images.

Intern

Soft Computing Laboratory - Yonsei University • Seoul

07/2016 - 08/2016

- Developed algorithms to recognize audio patterns related to car defects, utilizing machine learning techniques in Python.

Intern

Advanced Institute of Convergence Technology • Seoul

12/2015 - 02/2016

- Participated in a motion capture project using Arduino and MATLAB to analyze human movement and emotions.

Education

Electrical and Electronic Engineering

UFMG • Belo Horizonte, MG

08/2019

- Relevant studies in programming, electronic equipments and circuits, signals and systems.

Electrical Engineering

Yonsei University (연세대학교) • Seoul

08/2016

- Relevant courses in Signals and Control Systems, AI, and Robotics.