

Igor Machado Dias Beduschi

Computer Scientist

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PROFESSIONAL OBJECTIVE

A Computer Science professional passionate about Data Science and Machine Learning, seeking opportunities to apply and expand technical and analytical skills in data-driven projects, focusing on innovative solutions and impactful results in the fields of data analysis, engineering, and predictive modeling.

PROFESSIONAL EXPERIENCE

Oncoclínicas | Data Analyst *October 2024 – Present*

- Developed ETL processes for data integration and cleaning, optimizing departmental efficiency.
- Conducted data analysis and developed interactive dashboards using Python, Excel, and Power BI.
- Automated internal processes, improving operational efficiency.

Banco Mercantil | Data Analyst *October 2022 – January 2023*

- Developed ETL processes for data integration and cleaning, optimizing departmental efficiency.
- Conducted data analysis and developed interactive dashboards using Python, Excel, and Power BI.
- Automated internal processes, improving operational efficiency.

Inter | Data Governance and Translator *May 2021 – August 2022*

- Managed data governance and developed data-driven projects ensuring compliance and quality.
- Created data-centric products using Python (Pandas, Matplotlib), SQL, and Tableau.
- Drafted documentation and functional specifications for new projects.

Syngenta Digital | Developer *August 2020 – May 2021*

- Built web solutions using ReactJS, TypeScript, and agile methodologies.
- Collaborated on large-scale projects, focusing on performance and usability.
- Implemented functionalities and addressed technical demands in an AWS environment.

2x3 | Developer *December 2019 – August 2020*

- Performed full-stack web development using PHP, Ruby on Rails, JavaScript, and MySQL.
- Supported multiple companies across diverse projects using Git, Trello, and Docker.
- Maintained web servers using Docker, AWS, and Apache.

Prodemge | Technical Support *March 2018 – May 2018*

- Maintained and configured computers, designed test plans, and provided technical support.
- Created reports and spreadsheets, analyzing performance and efficiency.

EDUCATION

PUC Minas - Bachelor's in Computer Science

Start: January 2019 – Completion: June 2024

Cotemig - Technical Degree in IT

Start: January 2016 – Completion: December 2017

SKILLS

Data Science & Analytics:

Python (Numpy, Pandas, Scikit-learn), SQL, Power BI, Tableau, Data Visualization.

Machine Learning:

Supervised/Unsupervised Learning, Regression Models, Neural Networks (TensorFlow, PyTorch).

Data Engineering:

ETL Pipelines, AWS Redshift, Docker, Airflow, Cloud Computing.

Software Development:

JavaScript, Java, PHP, Ruby, C, C++, ReactJS, TypeScript.

Tools and Technologies:

Git, Jira, Trello, Linux, Cloud Computing (AWS, Google Cloud).

Languages:

Portuguese and Advanced technical English.

Soft Skills:

Project Leadership, Teamwork, Communication, Adaptability, Problem Solving, Feedback Acceptance.

ADDITIONAL INFORMATION

- Passionate about computer science and programming, with a strong interest in exploring and innovating in this vast field.
- Experienced in project leadership and teamwork, always willing to help, share knowledge, and achieve positive results.
- Began programming by developing mods for games in Java at the age of 12.
- Active participant in technology communities.

RELEVANT PROJECTS

Large-Scale Data Extraction and Processing Project Coordination

- Led a project involving the daily extraction and processing of large volumes of data from a data lake, utilizing parallel processing in clusters.
- Developed solutions to optimize large-scale processing, ensuring efficiency and data integrity.
- Presented processed data in a clear and accessible manner, supporting the team's strategic decision-making.

Development of Automations and ETLs for Data Presentation

- Designed and implemented automation and ETL processes for data extraction, transformation, and loading.
- Built efficient pipelines integrating multiple data sources and presenting results through interactive dashboards.
- Implemented automations that reduced processing time and improved data presentation accuracy.