

Jefferson de Fran  a Chaves

jeffersonfchaves.com – jefferson@performance-blocks.com

+1 435 2372102 - North Logan, Utah – United States

Professional Summary

Computer Engineer with experience as a Data Analyst, a Python Developer, a Project Manager, a Scientist Researcher and a Leadership.

Core Competencies

Programming Languages: Python, R, SQL.

Tools & Platforms: Git, Linux, macOS, Windows.

Technical Expertise: Machine Learning, Data Visualization, Web Development, Climate Data Analysis.

Soft Skills: Leadership, Problem-Solving, Collaboration, Strategic Thinking.

August 2014 | May 2018

Computer Engineer – Full-time

Brazilian Navy | IEAPM | Arraial do Cabo, Brazil

Monitoring the project and its progress. Assisting in the preparation of the terms and conditions.

Development of Systems used for sea data analysis. Qualification and visualization of the computerized data.

Researcher and Collaborator in the use, distribution, maintenance and update of the system used by the crew and members of the Brazilian Navy which receives sea data collected.

Team Leadership to achieve common goals such as information and workplace security.

August 2011 | May 2013

Computer Engineer Intern – Full-time

DATAPREV | Empresa de Tecnologia e Informações | Rio de Janeiro, Brazil

Enhanced workflow efficiency by automating processes with Excel and custom scripts.

Maintained and updated government software projects, ensuring reliability and compliance.

Documented critical technical workflows to improve knowledge sharing across teams.

October 2018 | June 2023

English Exchange Program

Cork, Ireland

Achieved advanced English proficiency through immersion and professional roles.

Worked across various industries, including education and logistics, showcasing adaptability and cross-cultural communication skills.

Education

Bachelor's degree in computer engineering

Iguacu University (UNIG) - Brazil

August 2008 | July 2013

Courses

In Python, Machine learning and Deep Learning:

Sep 2023 - NumPy Essential Training: 1 Foundations of NumPy.

Aug 2023 – Machine Learning Foundations: Calculus.

Aug 2023 – Machine Learning with Python: Foundations.

Aug 2023 – Machine Learning with Scikit-Learn.

Aug 2023 – Deep Learning: Model Optimization and Tuning.

In Artificial intelligence and Business Strategy:

Sep 2023 – Artificial Intelligence Foundations: Machine Learning.

Sep 2023 – Artificial Intelligence and Business Strategy.

Sep 2023 – How Tech Drives Sustainability.

In Financial Modeling and Algorithmic Trading:

Aug 2023 – Apache Spark Deep Learning.

Aug 2023 – Algorithmic Trading and Finance Models with Python, R, and Stata.

Publications and Scientific Research

Aug 2020 - Book: ZYX - A Fórmula Definitiva do Inglês.

Nov 2016 - CHAVES, J. F.; SANTOS, R. G.; ODA, T. O.; SANTOS, C. G. S.; .

THE USE OF THE ARDUINO PROTOTYPING BOARD AS A LOW-COST ENVIRONMENTAL DATA COLLECTION PLATFORM AND COMPARATIVE EVALUATION OF THE DHT11 TEMPERATURE AND HUMIDITY SENSOR) In: XIX CBMET 2016 - Brazilian Congress of Meteorology.

Professional Memberships

IEEE – [Institute of Electrical and Electronics Engineers](#) (Membership ID: 101479035)