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Edson Cassius Duarte Lopes

OBJECTIVES

Aiming to contribute, collaborate, learn and improve my skills; acquiring business knowledge and facing challenges for personal and professional development.

SKILLS

Excellent communication and teamwork skills. Experience with Data Analytics, Data Mining, Big Data, Machine learning and related technologies.

Programming Skills in SQL, Python, R, Java, C++ and MATLAB. Familiarity with Linux, Apache Hive, Spark, Git, Tableau, PowerBI and Microsoft Suite.

Native Portuguese, Fluent English and Intermediate Spanish.

EXPERIENCE

Spring Air International, Boston - MA — *Data Scientist & Engineer*

JULY 2022 – PRESENT

- Gathered and consolidated databases to identify potential customers.
- Implemented processes for inventory check and seasonal sales analysis and forecasting.
- Created dashboards to support decision making and promote data-driven practices.

Hospital Israelita Albert Einstein, Sao Paulo - Brazil — *Data Scientist*

JANUARY 2017 – JANUARY 2019

- Used SQL,Python and R to develop data pipelines from acquisition to analysis.
- Development of dynamic dashboards for critical real time decision support for thousands of patients.
- Developed Machine learning projects for image processing and pattern detection with Tesseract and NLP.
- Designed prediction projects for financial forecasting and patient outcomes, presenting results to the Board of Directors.
- Assisted establishing a Hadoop Data Environment for the Hospital.
- Developed web servers for data ingestion using Java.

4D Soft, Budapest - Hungary — *Software Engineering Intern*

JUNE 2014 – AUGUST 2014

- Developed an user's graphic interface using *Jidebug* app in Java Swing.
- Overall bug fixes and development of a data capture tool.

EDUCATION

UFABC, Santo André - Brazil — *Computer/Information Engineering*
MAY 2011 – SEPTEMBER 2018
Certified by Morningside Evals: BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

ELTE, Budapest – Hungary — *Software Information Engineering*
JANUARY 2014 – JANUARY 2015

Approach International Student Center — *English (AAP) and Business Program.*
JUNE 2019 – DECEMBER 2021

AWARDS

- Full Scholarship for Science Without Borders Exchange Program in 2014 in Budapest, HU. Databases and Programming classes for the Software Information Engineering course.
- Placed among the top 3 teams in the 2017 Clinical Data Datathon promoted by the MIT and Hospital Albert Einstein. Assisted preparing the environment and data for participants.
- Scientific Research Scholarship for FAPESP in Chemistry Learning in 2012, DOI: http://dx.doi.org/10.22201/fq.18708404e.2021.3.76636.

ADDITIONAL EXPERIENCE

- Invited to mentor and assist students in an introductory data science course from MIT's Laboratory for Computational Physiology in May 2019.
- Setup and maintenance of a Linux server for Vegeta Tech LLC in 2022. Installed all hardwares (FPGAs, routers) and softwares to promote optimal functionality and VPN access for all users.