Vaux Gomes

Elogica Data Processing
Advanced App Engineering Analyst

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Summary

I am a highly educated professional with academic and professional experience. In 2012 I was granted a scholarship for studying in the US where I had the opportunity to broad my range of knowledge and perfect my language skills. In 2015 I was granted another scholarship for a master's program at UFMG (considered the best department of computer science in Brazil).

I worked with accomplished professors in the field of machine learning focused in developing a rule-based learning algorithm. In June 2017 I started working at Accenture (Junior Level) where I had my first contact with the industry. In Octuber 2018 I was hired by Elogica (starting October) where I will be part of a new project app for a Brazilian government institution.

At the end of 2018 I was invited to collaborate with `OBVIO`'s team in a study about homicides in Rio Grande do Norte (RN) – Brazil. This study is a pioneer in the country and it is known as the most complete database of homicides of RN, being reference to many organizations within the state. We intend to use statistics and machine learn better understand the gathered data and for building models

Professional

Elogica Data Processing – Brazil
Advanced App Engineering Analyst, October 2018 – **Current**

Software engineering and development
Full-stack development of web applications.
.NET (C#), SQL Server

Accenture Technology Center – Brazil
Junior Analyst, May 2017 – October 2018.

Head of the Enhancement Team
Coordinating, building and maintaining internal process management systems.
Java, Asp, PHP, MySQL

DevOps Operations
Development of scripts for automation purposes: Git and Siebel integration.
Python 2.7, ShellScript, AWK, Jenkins

Data analysis
Analysis of data and pattern recognition.
Power BI, Excel VBA, MySQL, JSON

API Building
Development of program interfaces to integrate systems and providing services.
Java EE, RESTFul Paradigm

Volunteer Work

OBVIO: Observatório da violência do RN
Data Analyst, December 2018 – **Current**

Education

Federal University of Minas Gerais - UFMG
M.S., Computer Science, 2017.
Fields: Machine Learning, Data Mining, Frequent Patters, Rule Learning.

Federal University of the Semi-Arid - UFERSA
B.A., Computer Science, 2014.

Teaching

Department of Computer Sciences, UFMG
Teacher Assistant, Data Structure 101, 2016.

Department of Natural and Exact Sciences, UFERSA
Teacher Assistant, Data Structure 101/202, 2010 – 2011.

Awards and Fellowships

Brazil Science Without Borders Scholarship – USA
Undergrad program – Computer Science Department.
Springfield, Missouri, USA, 2012 – 2013.

Languages and Skills

Portuguese (native), English (fluent), French (beginner)
Python {pandas, numpy, sklearn, seaborn, matplotlib}, Git, Shell Script {POSIX, Awk}, SQL {MySql, SQL Server, SQLLight}, Java

Online Certification

IBM: Cognitive Class

Machine Learning With Python

Python for Data Science

Data Analysis with Python

Data Visualization with Python

Deep Learning Fundamentals

Udemy

Python for Data Science and Machine Learning (PT-BR)

Coursera

Capstone: Retrieving, Processing, and Visualizing Data with Python

SCUMStudy

Scrum Fundamentals Certified