Vaux Gomes

Federal Institute of Education, Sciente and Technology (IFCE)
Undergraduate Program Professor

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Bio

I am a technology professor at Federal Institute of Technology in Ceará, Brazil. I like finding creative ways of solving problems.

Professional

Federal Institute of Education, Sciente and Technology (IFCE) – Brazil
- Faculty chair of the Computer Network Technology Program, September 2020 – **Current**
- Undergraduate Program Professor, April 2019 – **Current**
- High Scholl Technology Program Professor, January 2021 – **Current**

Furukawa Eletric in association with IFCE – Brazil
- Backend Developer, May 2021 – **Current**

Elogica Data Processing – Brazil
- Advanced App Engineering Analyst, October 2018 – 2019

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

Education

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

Federal University of the Semi-Arid - UFERSA
B.S., Computer Science, 2014.
Machine Learning, Decision Rules Building.

Federal Institute of Education, Science and Technology - IFPB
Specialization, Technological and Professional Teaching, **Current**.

Publications

Journal Articles
Multi-element determination in Brazilian honey samples by inductively coupled plasma mass spectrometry and estimation of geographic origin with data mining techniques., November 2012, *Food Research International*, 49, 1, 209–215.

Complete works published in proceedings of conferences
Classificação Supervisionada de Dados via Otimização e Funções Booleanas, 2011, *I Workshop Técnico-Científico de Computação*, 21-27.

Research

Department of Natural and Exact Sciences, UFERSA
Undergraduate Student Research.
Free and scalable implementation of Logical Analysis of Data, 2011 – 2013.

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 for Data Science (pandas, numpy, sklearn, matplotlib), Git, JavaScript (React, NodeJS) Shell Script {POSIX, Awk}, SQL {MySQL, SQL Server, SQLLight}, MongoDB

Software

(Machine Learning)

LADWEKA

Release of a free and scalable implementation of Logical Analysis of Data Classification algorithm within Weka's environment.
Keywords: Binary Classification, Rule Algorithm

BLACK

Boosted rule-based demand-driven lazy machine learning algorithm
Keywords: Lazy Classifier, Classification Problem, Data-Peeler, Frequent Patterns

Interests

Friends, Data Analysis, Machine Learning Model Building, API Development, App Development, Travelling