José R F Junior

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Data Scientist - Big Data Engineer

EXPERIENCE

GooGolPlex, Santiago, Chile — ***Data Scientist — Big Data Engineer***

Jan 2017 - Present

Project*: Planck* ***h=6,6260664×10*** $^{-34}$
✔ ***Remote protocol call gRPC - Python***

Project*: Feigenbaum* ***δ = 4.66***
✔***Parallel programs on JVM and Scala.***

Project: ***Φ = 1.61***
✔***Trend, Cycle, Seasonality, Random***
✔***Neural Networks, TensorFlow, Keras.***
✔ ***Forecast***

Project: **Edwin Smith**
Bayesian Predictive System for Detection of Breast Cancer.
Pneumonia Symptoms and Diagnosis
✔**Neural Networks, TensorFlow, Keras, PyTorch.**

Project: **Edsger Dijkstra**

Graph Analytics for Big Data, Neural Networks and Deep Learning, TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning, Big Data HDFS, MapReduce and Spark RDD, Big Data Analysis: Hive, Spark SQL, DataFrames and GraphFrames.

Big Data Applications: Machine Learning at Scale, Big Data Applications: Real-Time Streaming, Big Data Modeling and Management Systems, Big Data with Machine Learning, Focuses on the transfer of data to GCP (Cloud VPC).Migrating local infrastructure from Hadoop to Google Cloud Platform provides an overview of the migration process, with the focus on moving large and persistent clusters to an ephemeral model. Migrate data from HBase to Cloud Bigtable. Migrate data from HDFS local to Google Cloud Platform.

Zaal Information Technology, Santiago, Chile — *Senior Java Architect*

Feb 2018

Work on Medium, Large Projects to ensure proper design and architectural principles are being followed. Work closely with business teams and IT teams to translate user's requirements into technical solutions. Prioritize requirements and create conceptual prototypes. Work on technology evaluations for the team. Propose any new technology that fits into the current architecture and provides value. Work with the team to define the best technological practices to support the business initiatives.

AMcom

Dates Employed Jul 2018 – Dec 2018

Senior Software Development Engineer

Veolia France

Dates Employed Aug 2018 – Nov 2018

Software Developer

BFM

Dates Employed Jun 2017 – Jan 2018

Analysis, Modeling and Development of Web Applications

Ceará State Health Secretariat - SESA

Dates Employed Jan 2013 – Dec 2017

Analysis, Modeling and Development of Web Applications - Android (Integrated System of Organ Donation). Analysis, Modeling and Development of Java Applications (Sistema GERCORREIO). Analysis, modeling and development of web applications using JSF, JPA, Spring, Spring Security, Hibernate, Envers, Primefaces, JasperReport, Tomcat, GlassFish, Maven, JUnit, JQuery, Oracle and PostgreSQL. Development and implementation of biometric system maintenance. (BIOMETRY) Maintenance of systems in PHP (Gnuteca, Ocomon and endemic control system - pMapper). Customization and implementation of the Maker Maker (shell) system. Analysis and development of web applications with JSF, JPA, Spring, Spring Security, Hibernate, Envers, Primefaces, JasperReport, Tomcat, GlassFish, Maven, JUnit, JQuery, Oracle and PostgreSQL. Analysis and Development of web applications using the Wave Creator (internal demands - SDI) of the system.

Detran - Departamento Estadual de Trânsito

Dates Employed Mar 2015 – Dec 2015

Analysis, Modeling and Development of Web Applications

Núcleo de Tecnologia Industrial do Ceará

Dates Employed Mar 2012 – Nov 2013

Analysis, Modeling and Development of Web Applications

BRQ Digital Solutions

Employed Dec 2011 – Oct 2012

Programmer Java

Hapvida Saúde

Employed Mar 2011 – Jan 2012

Systems Analyst

NUTEC - Núcleo de Tecnologia Industrial do Ceará

Employed Mar 2012 – Nov 2013

Analysis, Modeling and Development of Web Applications

BRQ Digital Solutions

Employed Dec 2011 – Oct 2012

Java Developer

INSS

Employed Jun 2008 – May 2011

Federal Public Server

Constituição Federal de 1988 (arts. 193 a 204);

Lei Orgânica da Seguridade Social (Lei nº 8.212/91);

Lei Orgânica de Benefícios Previdenciários (Lei nº 8.213/91);

Lei Complementar (Lei n. 108/2001);

Lei Complementar (Lei n. 109/2001);

Decreto - Regulamento da Previdência Social (Lei n. 3048/99)

M Brasil

Employed Feb 2002 – Mar 2006

Systems Analyst.

Brazilian Army

Dates EmployedJan 1999 – Jan 2001

Server Administrator Linux

MICROLINEA

Dates EmployedApr 1997 – Jan 1999

VB / Clipper Programmer

FORMATION

UDACITY, Brasil — *Nanodegree Machine Learning Engineer*

Dates attended or expected graduation 2017 – 2018

Activities and Societies: **Module 1:** Evaluation and Validation of Models **Module 2:** Supervised Learning **Module 3**: Non-Supervised Learning **Module 4:** Reinforcement Learning (Support Module) **Module 5:** Deep Learning (Support Module) Linear Regression · Logistic Classification· Convolutional Neural Networks· Recurrent Neural Networks - Time Series · Autoencoders - Reduction of dimensionality · Generative Neural Adversarial Networks - Automatic Image Generation Regression · Advertising expenses -> sales value· Temperature, humidity and air pressure -> wind speed · External factors -> dollar value · Examination results -> probability of a patient surviving · Investment risk· Credit card charges, history -> limit · Previous values -> product values ranking · Direct marketing · Customer dissatisfaction · Credit risk · SPAM Filters · Separation of news · Voice recognition · Face Recognition· Disease prediction Convolutional neural networks (CNN) · Used for computer vision · Standalone cars, pedestrian detection (one of the reasons deep learning works well) · In general, better than SVM (support vector machines)

UNIR, Brasil — *Full Degree Mathematics*

Dates attended or expected graduation 2004 – 2008

Activities and Societies: GAME APPLICATIONS IN THE INITIAL SERIES OF BASIC EDUCATION TRANSFORMS WITH FOUR Presentation of the work to complete the evaluation Graduation course, under the direction of Professor Mrs. The Bachelor of Applied Mathematics and Computing.

Licenses & Certifications

 Applied Machine Learning in Python

 Understanding and Visualizing Data with Python

 Machine Learning

 Natural Language Processing in TensorFlow

 AI for Medicine

 AI for Medical Diagnosis

 AI for Medical Prognosis

AI For Medical Treatment

Sequences, Time Series and Prediction

Neural Networks and Deep Learning

Mathematics for Machine Learning: Linear Algebra

Hadoop Platform and Application Framework

Yandex Big Data Analysis: Hive, Spark SQL, DataFrames and GraphFrames

IBM Deep Neural Networks with PyTorch
IBM Advanced Data Science
IBM Advanced Machine Learning and Signal Processing
IBM Advanced Data Science Capstone
IBM Applied AI with Deep Learning
IBM Microservices - Fundamentals

IBM Machine Learning with Python

IBM Scalable Machine Learning on Big Data using Apache Spark

IBM Fundamentals of Scalable Data Science

IBM Python for Data Science and AI

IBM Introduction to Computer Vision with Watson and OpenCV

Neo4j Certified Professional

Coursera Preparing for the Google Cloud Professional Architect Exam

Coursera Preparing for the Google Cloud Professional Data Engineer Exam

Coursera Preparing for the Google Cloud Associate Cloud Engineer Exam

Coursera Architecting with Google Kubernetes Engine: Production

Coursera Architecting with Google Kubernetes Engine: Workloads

Coursera Google Getting Started With Application Development

Coursera Google Architecting with Google Kubernetes Engine

Coursera Google Networking in Google Cloud Platform

Coursera Mitigating Security Vulnerabilities on Google Cloud Platform

Coursera Google Networking in GCP: Defining and Implementing Networks

Coursera Google Cloud Platform Fundamentals: Core Infrastructure

Coursera Googole Networking in GCP: Hybrid Connectivity and Network Management

Coursera Google Managing Security in Google Cloud Platform

Coursera Google Reliable Cloud Infrastructure: Design and Process

Coursera Google Elastic Cloud Infrastructure: Scaling and Automation

Coursera Google Elastic Cloud Infrastructure: Containers and Services

Coursera Google Essential Cloud Infrastructure: Core Services

Coursera Google Essential Cloud Infrastructure: Foundation

Coursera Google Building Resilient Streaming Systems on Google Cloud Platform

Coursera Google Serverless Machine Learning with Tensorflow on Google Cloud Platform

Coursera Google Serverless Data Analysis with Google BigQuery and Cloud Dataflow

Coursera Google Leveraging Unstructured Data with Cloud Dataproc on Google Cloud Platform

Coursera Google Cloud Platform Big Data and Machine Learning Fundamentals

Coursera Google Art and Science of Machine Learning

Coursera How Google does Machine Learning

Google Cloud Architect Certified Professional

Google Cloud Architecting Kubernetes Engine Certified Professional

Google Cloud Data Engineering Certified Professional

Google Cloud Engineering Certified Professional

Google Cloud Security Certified Professional

Google Cloud Developing Applications

Google Kubernetes in the Google Cloud

Google Google Cloud Build a Complete Database

Google BigQuery in the GCP Console

Google Cloud Hero Speedrun: Data Engineering

Google Cloud Security Scanner

Google Data Loss Prevention: Command Line

Google ETL Processing on GCP Using Dataflow and BigQuery

Google Ecommerce Dataset with SQL in Google BigQuery

Google G Suite Certification: Practice Lab

Google Google Chrome Deployment

Google Google Cloud Big Data Analysis

Google Google Cloud Data Machine Learning

Google Google Cloud Firebase Web

Google Google Cloud Platform Essentials

Google Google Cloud Pub/Sub: Command Line

Google Google Cloud Pub/Sub: Console

Google Cloud Pub/Sub: Console

Google Google Cloud Stackdriver

Google Google Cloud infrastructure

Google G Suite Deployment Services Credential

Google Predict Visitor Purchases with a Classification Model in BQML

Google Create Reports with Data Studio

Google SQL for BigQuery and Cloud SQL

Google Troubleshooting Common SQL Errors with BigQuery

AWS - Amazon DynamoDB Service Primer

AWS - Amazon Redshift Service Primer

AWS - Amazon Neptune Service Primer

AWS - Amazon RDS Service Primer

AWS - Certified Alexa Skill Builder - Specialty

Mongo University MongoDB - M103: Basic Cluster Administration

Mongo University MongoDB - M320: Data Modeling

Mongo University MongoDB - M220J: MongoDB for Java Developers

Mongo University MongoDB - M101P

Mongo University MongoDB - M040

Mongo University MongoDB - M1

Mongo University MongoDB - M121: The MongoDB Aggregation Framework

Udemy Learn Dart Web Programming

Udemy Google Remote Procedure Calls (gRPC)

Udemy API RESTful avançada com Spring Boot e Java 8

Unity Developer C#

Udemy TensorFlow for Deep Learning with Python

Udemy Formação Angular 2, 4 e 5

Udemy API Restful com Spring Boot, Kotlin e MongoDB

Udemy Amazon Web Services - Learning and Implementing AWS Solution

Udemy Machine Learning A-Z™: Hands-On Python & R In Data Science

Udemy Redes de Computadores

Udemy Data Science

Udemy Construindo Aplicações Web Com o Novo Angular 4

Udemy Restful Web Service with Spring Boot

Udemy Curso Completo do Desenvolvedor NodeJS e MongoDB

Udemy Machine Learning e Data Science com Python

Udemy Git e Github

Udemy Curso completo de PostgreSQL

Udemy Angular (Full App) with Angular Material, Angularfire & NgRx

Udemy The Complete React Native and Redux Course

QwikLabs

https://google.qwiklabs.com/public_profiles/45b9712b-f438-49b9-a02f-d5ef69d0fcfa

IBM BADGE

https://www.youracclaim.com/users/jose-r-f-junior/badges

Github

https://github.com/GCPBigData