

Leonardo Alves Miguel

Current Address: Rua Euclides da Cunha 530, Ap 506, Londrina, PR, Brazil, 86070-500

LinkedIn: <https://br.linkedin.com/in/leonardoalvesmiguel/en>

GitHub: <https://github.com/leonardoam>

Contact: leonardoam94@gmail.com | +55 16 98134-7434

ABOUT ME:

I am a Data lover looking for Data Engineer positions. I've worked in the past few years with several technologies from data acquisition to data analysis, leading and training a team responsible for a data platform that serves the whole company and dealing with datasets as large as 15 TB of data. I am currently finishing a Masters degree in Data Science. I'm Brazilian with Portuguese citizenship and passport.

EXPERIENCE

DATA ENGINEER AND TECH LEADER - ARQUIVEI BUSINESS INTELLIGENCE AND DATA ENGINEERING

July 2016 – ongoing | Sao Carlos, Sao Paulo, Brazil

Responsible for the entire design and deployment of the company's data platform and data warehouse from data acquisition to data analysis. Technologies used for data transformation include Scala, Java, Python, Apache Kafka, Apache Beam, Google Dataflow, Google BigTable, Kubernetes and Google BigQuery.

INTERNSHIP - NCR CORPORATION SOFTWARE TESTING AND ENGINEERING

June 2015 – August 2015 | Duluth, Georgia, USA

Improvement of the QA process in the SelfCheckout Division, creating a static code analyzer tool.

EDUCATION

UNIVERSITY OF SAO PAULO DATA SCIENCE MASTER

July 2017 - December 2020 (ongoing) | Sao Carlos, Sao Paulo, Brazil

Analysis of fiscal documents using complex systems and machine learning to model economic networks

UNIVERSITY OF SAO PAULO COMPUTER SCIENCE MAJOR

January 2012 - July 2017 | Sao Carlos, Sao Paulo, Brazil

STATE UNIVERSITY OF NEW YORK VISITING STUDENT - COMPUTER SCIENCE MAJOR

June 2014 - May 2015 | Plattsburgh, New York, USA

RESEARCH

- **Complex Networks and Machine Learning**

Program: MECAI | July 2017 2016 – July 2019 (ongoing) | Sao Carlos, Sao Paulo, Brazil

Advisor: Prof. Dr. Francisco Aparecido Rodrigues

Study of temporal complex networks and machine learning for modelling fiscal documents and invoices to predict and evaluate macro and microeconomic scenarios.

SKILLS

PROGRAMMING

Scala • Java • Python • Bash • SQL • C/C++ • Go

DATABASES

Google BigQuery • Google BigTable • Amazon Redshift • PostgreSQL • Oracle

DATA ENGINEERING

Google Dataflow • Apache Beam • Apache Airflow • Apache Kafka

BUSINESS INTELLIGENCE

Tableau • Power BI • Salesforce

DEVELOPMENT AND CLOUD

Amazon Web Service • Google Cloud Platform • Kubernetes • Git • Docker • SCRUM • Kanban • Jenkins

LANGUAGES

Portuguese (native) • English (fluent) • French (basic) • Spanish (basic)