

# JEAN C. MACHADO

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## SENIOR ENGINEER AT GETYOURGUIDE - RECOMMENDATIONS AND RELEVANCE

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### Summary

Working on the emergent field of Machine Learning Operations (MLOps). Currently Designing and Building GetYourGuide's Machine Learning platform. Designing and running data products at scale.

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### Main skills

#### Software Architecture

To build systems with holistic thinking and incremental development that allows reasonable delivery dates with long-term sustainability.

#### Team Leader

Teams are bigger than individuals. I conscientiously look for ways to empower, support and inspire people around me.

#### Speaker & Community organizer

I am passionate about technology and serve as an advocate by doing talks and organizing events.

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### Experience

#### GetYourGuide - Senior Backend Engineer

**2018 - Present**

Proud to be part of GYG and solve the travelers problems at scale. Designing and Building GetYourGuide's Machine Learning platform. Responsible for building the ranking online predictions service. Taking care of our ML operations, CI/CD pipelines, live monitoring, etc. Working to personalize our Recommendations and Ranking. Built and keep running the recommendations service.

#### CompuFácil - From Senior to Principal Engineer

**2014 - 2017**

Building a container cluster from the ground up, creating all the product architecture, leading, hiring. Built a microservices architecture with multiple domain based verticals in Python, Go and PHP.

#### CUB - Backend Developer

**2012 - 2014**

Webapps and e-commerces development, servers management, automation.

#### NAPNE — Scientific Initiation student

**2011 - 2012**

Developing accessibility hardware with Microchip's IC's: 18F4550, 16F28A, 16F84A in C and C++.

#### Newell Rubbermaid - Support Analyst

**2010 - 2011**

Support analyst on Microsoft LANs and WANs.

#### Sabbis Informática - Informatics Teacher

**2009 - 2010**

Acting as professor of computer assembly and maintenance, photoshop, corel and Windows Security. Support analyst on the school LAN.

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### Education

#### Instituto Federal do Rio Grande do Sul

**2010 - 2015**

Análise e Desenvolvimento de Sistemas

#### UDESC

**2016**

Special Student of Mestrado, Applied Computation

#### SENAI

**2009 - 2010**

Técnico em Eletrônica, Electronics

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## Languages

Portuguese (Native)

English (Primary language)

German (Basic)

## Honors-Awards

Best TDD implementation of the first SC Dev summit challenge

Champion of the 3º Startup Weekend of Joinville - topic IoT

## Open source

Contributed to many open-source projects including scikit-learn, Doctrine ORM and many others.

## Tech

Python Stack  
Linux  
Functional Programming  
Scala  
PHP

Spark  
Domain Driven Design  
TDD  
Java / Spring Boot  
Digital Electronics

Kafka  
AB testing  
Kubernetes  
Clojure