

# JEAN C. MACHADO

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## SENIOR BACKEND ENGINEER AT GET YOUR GUIDE - RECOMMENDATIONS

### Summary

As a software engineer my goal is to create and maintain data products at scale that improves the world with high quality and timely delivery. To have a nice time sharing and learning while working with amazing people. I care about humanism and science. Programmer, teacher.

### Main skills

#### Software Architecture

To build systems with the balance between design and pragmatism 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.

### Experience

#### GetYourGuide - Senior Backend Engineer

**2018 - Present**

Happy to be part of GYG and solve the travelers problems at a different scale. Working with Python, Java, Scala and PHP to split the monolith in multiple services. Defining and leading the implementation of the technology vision of our data-product in the recommendations team. Up-leveling the product with personalized recommendations and virtual products all proved by AB tests. Working with online and offline models with heavy amounts of data using spark.

#### CompuFácil - From Backend Engineer to CTO

**2014 - 2017**

Modeling api's, creating all the product architecture, leading, hiring, firing.

#### 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.

### 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, Eletronics

## Languages

Portuguese (Native)

English (Full Professional)

German (Elementary)

## Honors-Awards

Best TDD implementation of  
the first SC Dev summit  
challenge

Champion of the 3<sup>rd</sup> Startup  
Weekend of Joinville - topic  
IoT

## Skills

Domain Driven Design  
Linux  
OOP  
Kubernetes  
Elm  
Digital Eletronics

AB testing  
Functional Programming  
Bash  
PHP  
Clojure

Python  
Test driven development  
Git  
C  
Haskell