JEAN CARLO MACHADO

SOFTWARE ENGINEER, TEAM LEADER, TEACHER

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Profile

Create and maintain software that improve the world using science and open-source.

Skills

Systems development

Software Craftsman with experience in many programming languages.

Project Leadership

Ability to lead software teams observing delivery efficiency, quality, and team well being.

Infrastructure

Creating and managing infrastructures of software using Linux containers and clusters

Technical

Unix/Linux	Clean Code	TDD
C / C++	Git	Docker Swarm / Kubernetes
PHP	Optimization Techniques	Complexity Analysis
GPU programming	Python	Elm

Experience

CompuFácil
CTO, Lead Engineer, Developer — **2014-2018**

Responsible for all technological aspects of the product. Hiring developers. Building clusters, building continuous integration and delivery, programming

Tempo Real Eventos
Git Teacher — **2016-2017**

Teaching the basics as well as the advanced and internal data-structures of git for many audiences.

CUB
Backend Engineer — **2012-2014**

Webapps, and e-commerces development, servers management.

NAPNE
Scholarship — **2011-2012**

Developing accessibility hardware with Microchip's processors.

Open-source

php-src	git/git	Doctrine
php-unit	pdepend	vim/vim
torvalds/linux		

Lectures

FISL 17: Introduction to Rust	PHPeste 2016: All about clean code	PHPeste 2017: All about clean code
PHPConference 2017: Advanced Git for Devs	PHPConference 2017: Functional PHP beyond array_map	

Education

UDESC - Joinville, SC
Classes in Master's in Applied Computing — **2016-2017**

Special student with focus on HPC Optimization

IFRS - Bento Gonçalves, RS
Analysis and Development of Systems — **2010-2015**

Higher education in Analysis and Development of Systems

SENAI - Garibaldi, RS
Eletronics — **2009-2010**

Technical degree in electronics