Pedro Gomes Branquinho

Engineering Physicist

- October, 07, 1997
- Franca, SP
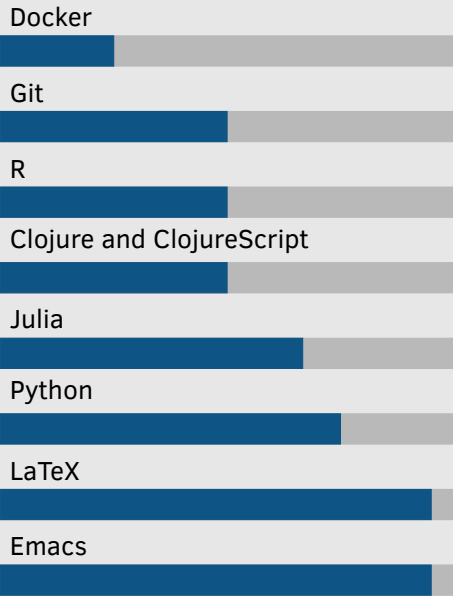- +55 16 99340-1215
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About me

I have interests in the areas of applied scientific programming, a passion developed in my graduation. As a Operational System, I use ArchLinux; also, I have experience with Debian and Gentoo Linux. The Open Source movement has changed my life, it has given me a lot of software to learn from. I heavily use it, and participate in it's community. I'm a member of the ACM, Association for Computing Machinery.

Skills

Docker

Git

R

Clojure and ClojureScript

Julia

Python

LaTeX

Emacs

Professional Interests

- Linux Systems automation, pipelines (System Administrator);
- Webapp Aplications using Machine Learning;
- Data Science - Recommender Systems;
- Mathematical modeling of dynamic systems;

Formal Education

| 2016 - 2021 | Graduation | São Paulo University, USP |
| | Engineering Physics | |

Eletronic Publications

2020	Machine Learning, with R - while coursing Statics II.
2020	Introduction to LaTeX, P1.
2020	Essential Commands, P2.
2020	Bibliographical References, Citations and Beamer Presentations, P3.
2020	A Minicourse on LaTeX - Material available on YouTube (Portuguese).

Experiencias Extracurriculares

2020	*Performance (Really) Matters* — ACM
	Emery Berger on the use of Scalene to perform software optimization.
2020	*International Congress on Funcional Programming* — Penn University
	I learned about the state of the art on Programming Languages.
2020	*Introduction to Docker: Build Your Own Portfolio Site* — Coursera
	Learning how to *deploy*; as a result, I lauched my own website.
2020	*Introduction to Git and GitHub* — Coursera
	Part of the specialization, *Google IT Automation with Python*
2019	*Clojure for the Brave and True* — Livro Texto
	Introductory self-study of Clojure.
2018	Arch Linux Install — Linux Architecture
	I learned how to install Linux and configure a hole functional Desktop; used systemd, DWM as window manager and Emacs as my editor.
2017	Emacs, SLIME, Common Lisp — Open Source
	When I started my interest on programming and Funcional Languages. I followed the book "ANSI Common Lisp", *Paul Graham*.
2017	Ubuntu Linux — Primeira Instalação
	My objective was to use Emacs, which do not run smoothly on Windows.

Languages and Fluency

English: I read, speak and write at ease.

Mandarin: I read, speak and write at HSK2-3 level.

Latin: I can read basic texts.

Cultural Interests and Fun facts

The most influential books for me were "The Conquest of Happiness", *Bertrand Russell*; "Discourse on the Origin and Basis of Inequality Among Men ", *Jean Jacques Rousseau*.

I have read almost throughout "A Book of Set Theory", *Charles Pinter*. And, "The Qualitative Theory of Ordinary Differential Equations", *Fred Brauer, John A. Nohel*.

I practice Chan/Zen Buddhist meditation and the Wim Hof Method. I'm vegan. And, I hold the view that well being and performance are strongly interlinked.