



Software Artisan & Epistemologist

Curriculum Vitae

Open Source Projects

- ➡ **DrFuzzy** a file finder/opener for DrScheme based on Jamis Buck's [fuzzy file finder](#).
- ➡ **Has many polymorphic friends**, a rails plugin based on the has many friends.
- ➡ **The Ywapa Project**, a certification authority management system for [security lab](#) of UFSC. I've also helped in a limited way on other projects of the lab like [libcryptosec](#).

Technical Skills

- ➡ **Programming Languages:** Scheme, C, Ruby, Javascript, Bash
- ➡ **Taste:** I like to think that I have a little of that thing called [taste](#).
- ➡ **Design philosophy:** I use the design recipe as presented in [HTDP](#). I try my best to grow code from data analysis, using functional, object and aspect oriented philosophies.
- ➡ **Programming practices:** I try hard to do my work in an [egoless](#) and [pragmatic](#) fashion.
- ➡ **OS:** I mostly use Ubuntu, sometimes Debian or Suse. I've installed and played around with some BSDs.
- ➡ **Preferred development tool:** VIM, and DrScheme for all schemy things.

Professional Experience

- 2009** ➡ **Educator and Researcher.** Helping some people develop programming skills and taste, mostly using as textbooks [HTDP](#) and [SICP](#). Also I've been studying education, cognition and epistemology and how technology can influence these processes.
- 2009** ➡ **Contractor for [DevRepublic](#).** Basically the default rails "web 2.0" contract gig, involving building a project manager
- 2007 - 2008** ➡ **Contractor for [ELC](#) a rails house** developing a multitude of "web 2.0" services, from CMS to social networks.
- 2007** ➡ **Developer for [AuctionPal](#)** in their internal rails Auction Expert system. Mostly controller/model area of the MVC stack. Unfortunately the project was discontinued.
- 2007** ➡ **Contractor for [Ursa Minor](#) in a Dupont green site.** I was an all around developer for the site, doing stuff from the UI(mostly AJAX) to the background and cart functionality .
- 2005 - 2007** ➡ **Software Developer/Interface Engineer for [LabSEC](#)**(UFSC's security lab) Helping to build a crypto library in C++ called [libcryptosec](#) to facilitate the development of cryptography applications. This was part of a larger Digital Certificate Management System called [ywapa](#) for the national Certificate Authority of the Brazilian Federal Government.

References

- ➔ [Lex Sisney](#), CEO of ELC technologies, my old boss.
- ➔ [Jose Eduardo de Lucca](#), Professor of UFSC, my thesis advisor. His [CV](#).
- ➔ [Ricardo Felipe Custodio](#), Professor of UFSC, and the chief of the security lab where I spent 2 of my college years. His [CV](#).

Interests

- ➔ **Law of accelerating returns:** [Ray Kurzweil's](#) works and vision about technology and society.
- ➔ **Technology&Education:** People like Seymour Papert, Alan Kay and Douglas Engelbart inspired me to start learning about learning and to investigate how technology can augment our cognitive abilities.
- ➔ **JiuJitsu&Aikido&Surf:** Great ways to get in shape and to get in contact with your body.
- ➔ **Writing:** It is a way to express myself that I find very appealing, in the same fashion as coding.
- ➔ **Knowing new people and ideas:** It's the best way to keep your mind fresh and your beliefs in check.

Education&Miscellaneous

- ➔ **College,** Information Systems and CS - [UFSC](#)
- ➔ **Articles**
 - [A new production model for the competition in a progressively more integrated world](#)
 - [An emergent participatory design framework for higher education](#)
 - [Developing a programming design taste](#)
- ➔ **Spoken Languages:** Portuguese, Fluent English, Basic Italian, Basic Spanish
- ➔ **Presentations**
 - [Birds of a feather @ Rails Summit Latin America 2008](#)
 - [Article @ squeakfest brasil](#)

Some important books

