



# 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

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| <b>2009</b>        | ➔ <b>Educator and Researcher.</b> Helping some people develop programming skills and taste, mostly using as textbooks <a href="#">HTDP</a> and <a href="#">SICP</a> . Also I've been studying education, cognition and epistemology and how technology can influence these processes.   |
| <b>2009</b>        | ➔ <b>Contractor for <a href="#">DevRepublic</a>.</b> Basically the default rails “web 2.0” contract gig, involving building a project manager   |
| <b>2007 - 2008</b> | ➔ <b>Contractor for <a href="#">ELC</a> a rails house</b> developing a multitude of “web 2.0” services, from CMS to social networks.  |
| <b>2007</b>        | ➔ <b>Developer for <a href="#">AuctionPal</a></b> in their internal rails Auction Expert system. Mostly controller/model area of the MVC stack. Unfortunately the project was discontinued.   |
| <b>2007</b>        | ➔ <b>Contractor for <a href="#">Ursa Minor</a> in a Dupont green site.</b> I was an all around developer for the site, doing stuff from the UI(mostly AJAX) to the background and cart functionality .  |
| <b>2005 - 2007</b> | ➔ <b>Software Developer/Interface Engineer</b> for <a href="#">LabSEC</a> (UFSC's security lab) Helping to build a crypto library in C++ called <a href="#">libcryptosec</a> to facilitate the development of cryptography applications. This was part of a larger Digital Certificate Management System called <a href="#">ywapa</a> 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&Parkour:** Great ways to get in shape and to get in contact with your body.
- ➔ **Writing:** It's a way to express myself that I find very appealing, in the same fashion as coding.
- ➔ **Meeting 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

