



# Software Artisan & Interdisciplinary Connector

## *Curriculum Vitae*

### Open Source Projects

- ➡ **DrFuzzy** is a nice small sample of my code. It is a plugin for the DrRacket IDE. It is also a bit outdated, but it is a full project, so it shows how I deal with the diverse aspects of software development.
- ➡ Anything else on github. It is pretty dynamic in there, since I work on several different things at a time. Feel free to browse around.

### Technical Skills

- ➡ **Programming Languages:** Scheme, Common Lisp, C, Ruby, Javascript, SQL.
- ➡ **Taste:** I like to think that I have a little of that thing called [taste](#).
- ➡ **Design philosophy:** I use design practices from competent sources [[1](#), [2](#), [3](#)] as much as I can. I try my best to grow code from data analysis, using the [paradigm](#) that fits better to the problem.
- ➡ **Programming practices:** I try hard to do my work in an [egoless](#) and [pragmatic](#) fashion.
- ➡ **OS:** I mostly use Ubuntu, sometimes Debian or Sus. I have installed and played around with some BSDs.
- ➡ **Preferred development tool:** Vim in the old days, Emacs more recently, and [DrRacket](#) for all schemy things. Although anything that provides a rich environment with fast feedback is fine.

### Professional Experience

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|--------------------|--|
| <b>2009</b>        | ➡ <b>Educator and Researcher.</b> I have been using <a href="#">HTDP</a> and <a href="#">SICP</a> textbooks to help colleagues develop programming skills and taste.                                   |
| <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> for 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. |

## Professional Experience (continued)

- 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.

## Interests

- ➔ **Languages and paradigms:** Works like [HTDP](#), [SICP](#) and more recently [CTMCP](#) sparked a pluralistic interest in paradigms of programming languages.
- ➔ **Artificial intelligence programming:** Peter Norvig's [book](#) sparked my interest in this area.
- ➔ **Information Retrieval:** I believe that this is the application of AI with the greatest potential for impact in the current and coming years.
- ➔ **Interactive Computer Graphics:** Shiny things floating in the screen always attract my attention, specially when I create them.
- ➔ **Matethics:** I was strongly inspired by [Seymour Papert](#) to start learning about learning and to investigate how technology can augment our cognitive abilities.
- ➔ **Hacker news:** One of the few online communities that I lurk.
- ➔ **Martial arts, extreme sports:** 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**
  - [How Self-Determination Theory and Situative Learning are concomitant theories](#)
  - [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](#)
- ➔ **Languages:** Portuguese, Fluent English, Basic Italian, Basic Spanish
- ➔ **Presentations**
  - [Birds of a feather @ Rails Summit Latin America 2008](#)
  - [Article @ Squeakfest Brasil 2009](#)

## Some important books

