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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 It is also a bit outdated, but it is a full project, so it shows how I deal with the diverse aspects of software development.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

2009 ➡ **Educator and Researcher**. I have been using HTDP and SICP textbooks to help colleagues develop programming skills and taste.

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 for 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.

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

Books