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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&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