



## Research Engineer & Software Artisan

### Technical Skills

- ➔ [Projects](#).
- ➔ *Programming Languages*: Scheme, Lush, Common Lisp, Clojure, C, Ruby, Python, Javascript, SQL, C++, and Java.
- ➔ *OS*: Any \*nix would be ok with me.
- ➔ *Environment*: Mostly emacs these days. But I use whatever is good for the job.
- ➔ *Domains*: web, information retrieval, pattern recognition, security, robotics.

### Recent Professional Experience

<sup>1</sup>

- 2010 - Present** ➔ **Research Engineer** in concurrent web crawling and character recognition systems. Also played a role as a technical leader.
- 2009** ➔ **Educator and Researcher** of diverse computing paradigms using approaches from the lisp and smalltalk intellectual family.
- 2007-2009** ➔ **Ruby web developer** working as a telecommuter for several companies around the world ([DevRepublic](#), [ELC](#), [AuctionPal](#), [Ursa Minor](#)).
- 2005 - 2007** ➔ **Software Developer** for my university security lab. Worked mostly with C++, Qt, and asymmetric cryptography.

### Miscellaneous

- ➔ **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

### Personal statement

- ➔ I am a humanist by heart, and I like to play with toys, symbols, concepts, and viewpoints. On the other hand, I am a concerned human being that worries about the future, and I find the lack of liberty in the world inadmissible.  
Because of that, my objective is to work in a challenging and dynamic environment that allows me to help in making the world a better place by producing meaningful research and products.

<sup>1</sup>contacts provided upon request.