



## Research Engineer

### Technical Skills

- ➡ **Projects** (Articles, crawlers, recognizers, games, this CV, and random research widgets).
- ➡ **Programming languages:** Recent professional experience: Clojure, Ruby, Scheme, and Common Lisp. Proficiency in: C, Python, Javascript, SQL, C++, L<sup>A</sup>T<sub>E</sub>X, and Java.
- ➡ **OS:** Unix.
- ➡ **Environment:** Emacs and a browser usually are enough.
- ➡ **Domains:** Web, data analysis.
- ➡ **Research:** Familiarity with consistent logical thinking. Notion of relevance and the importance of tangible value for the client. Working knowledge of deduction and induction.

### Recent Professional Experience

<sup>1</sup>

- 2012 - Present** ➡ **Engineer** – Developing a middleware for [stackbuilders](#) connecting remote banking web services.
- 2010 - 2012** ➡ **Research Engineer** – Lead a team in [neoway](#) that build a captcha recognizing system and formed a proposal for a concurrent crawler system.
- 2007-2009** ➡ **Web Developer** – Telecommuted for these companies: [DevRepublic](#), [ELC](#), [AuctionPal](#), [Ursa Minor](#).
- 2005 - 2007** ➡ **Research Engineer** – Built a Qt GUI layer for a PKI managing software in [labsec](#). Participated in several modules of that system, including interfacing with the openssl layer.

### 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 believe that individual freedom leads to prosperity, peace, and happiness. Because of that I usually prefer to work in places where the management structure is such that incentives are used instead of control. This has the good side effect of attracting the best professionals, and working with such people is one of my major career goals.

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