



Research Engineer

Technical Skills

- ➡ [Source code repository](#)
- ➡ *Concepts*: Lazy, eager, functional, objects (class and prototype based), imperative, declarative, asynchronous, pointers, explicit and latent types.
- ➡ *Languages*: Lisp descendants, ML descendants, Algol descendants.
- ➡ *Environment*: Emacs, DVC(git).
- ➡ *Domains*: Abstract algebra, graph theory, logic, causal realist economics, relational theory and data modeling.
- ➡ *Research*: Working knowledge of deduction and induction combined with a capacity for clarity and grace in writing, as well as a posture of respect for people while willing and able to challenge their ideas.

Recent Professional Experience

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- 2015-07 - present** ➡ Consultant at [neoway](#) – Data models and techno-cultural coaching.
- 2015-05 - 2015-07** ➡ Consultant at [nubank](#) – Devops and systems programming.
- 2013-06 - 2015-02** ➡ Engineer at [agri esprit](#) – Developed rich web interfaces using common lisp and modern javascript.
- 2012 - 2013-06** ➡ Engineer at [stackbuilders](#) – Used clojure to connect remote banking services, and to build a real time simulator for interactive lighting installations.
- 2010 - 2012** ➡ **Research Engineer** – Helped build the R&D team at [neoway](#) and led it in creating a captcha recognition system.
- 2007-2009** ➡ **Web Developer** – Web freelance developer, mostly focused on using ruby on rails.
- 2005 - 2007** ➡ **Research Engineer** – GUI developer for a PKI software at [the infosec laboratory at my university](#).

Personal Statement

I am a research engineer by trade, and a storyteller by vocation.

I believe that individual freedom and honor are necessary conditions for my personal fulfillment. Because of that I usually prefer to work in places where:

- The management structure is such that incentives are used instead of direct control
- The projects align with my core personal values of liberty and prosperity.

Those factors have the side effect of attracting to a company great professionals, and working with such people is one of my major career goals.

¹contacts provided upon request.