



Research Engineer

Technical Skills

- ➡ [Source code repository](#)
- ➡ *Concepts*: Declarative and imperative state management, both in OO and functional styles.
- ➡ *Languages*: Lisp descendants, haskell, python, ruby, javascript, C.
- ➡ *Environment*: Emacs, DVC(git).
- ➡ *Domains*: Abstract algebra, graph theory, logic, semantic web, data analysis, causal realist economics.
- ➡ *Research*: Working knowledge of deduction and induction. Capacity for clarity and grace in writing. Acting with respect for people while willing and able to challenge their ideas.

Recent Professional Experience

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| 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 believe that individual freedom is a necessary condition for happiness. 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.