



## 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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|--------------------------|--|
| <b>2016-05 - present</b> | ➡ <b>Consultant at brickabode</b> – Software quality, overall management.  |
| <b>2015-07 - 2015-12</b> | ➡ <b>Consultant at <a href="#">neoway</a></b> – Data models and techno-cultural coaching.  |
| <b>2015-05 - 2015-07</b> | ➡ <b>Consultant at <a href="#">nubank</a></b> – Devops and systems programming.  |
| <b>2013-06 - 2015-02</b> | ➡ <b>Engineer at <a href="#">agri esprit</a></b> – Developed rich web interfaces using common lisp and modern javascript.  |
| <b>2012 - 2013-06</b>    | ➡ <b>Engineer at <a href="#">stackbuilders</a></b> – Used clojure to connect remote banking services, and to build a real time simulator for interactive lighting installations. |
| <b>2010 - 2012</b>       | ➡ <b>Research Engineer</b> – Helped build the R&D team at <a href="#">neoway</a> and led it in creating a captcha recognition system.  |
| <b>2007-2009</b>         | ➡ <b>Web Developer</b> – Web freelance developer, mostly focused on using ruby on rails.   |
| <b>2005 - 2007</b>       | ➡ <b>Research Engineer</b> – GUI developer for a PKI software at <a href="#">the infosec laboratory at my university</a> .   |

### 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.

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