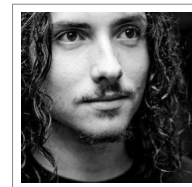


# Jonn Mostovoy

✉ <http://memorici.de>



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## Most Used Development Tools

Languages	Haskell, PureScript, Erlang, Elixir
Storage	PgSQL, Riak
Distro	NixOS
Docs	Haddock, Edoc, L <sup>A</sup> T <sub>E</sub> X
Build	Nix, GNU Make, Cabal, Rebar, Webpack
CI	Hydra
RCS	Git, Darcs
IDE	Emacs (Haskell/Org-Mode), VIM
WM	XMonad

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## Languages

Russian	<b>Native</b>
English	<b>Fluent</b>
Latvian	<b>Intermediate</b>
Croatian	<b>Basic</b>

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## Work Experience

- 2007–2009 **Software Engineer**, *VeryPositive Software*, Riga.
- 2010–2012
  - PHP/MySQL web-development — we wrote [professional.ru](http://professional.ru)
  - Java — Android development (topping [freelancer.com](http://freelancer.com) rankings)
- 2009–2010 **Software Engineer**, *DSW*, Riga.
  - C#, T-SQL — banking software
  - Visual FoxPro code rewrite in C#, sending tarballs, pain, suffering
- 2012 **3D-design and open-source programming**, *Self-employed*, Riga.
  - Blender — making 3D stuff then rendering it
  - Erlang — writing FOSS libraries and applications
- 2012–2013 **Senior Software Engineer / Consultant**, *Inbet*, International (remote).
  - Discrete modelling — proving facts about code model
  - Erlang — team migration from node.js, implementing betting system
- 2013–2014 **Software Engineer**, *Bex.io / Spawngrid*, Vancouver BC (remote).
  - Python, C++ — 3rd party library patching and BIP implementations
  - Elixir, PostgreSQL — ledger, bitcoind interaction
- 2014–2015 **Project Manager / Frontend Teamlead**, *???*, Miami FL (remote).
  - JavaScript — Webpack, React, Jsverify
  - Erlang — digging awful legacy code

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## Stuff I'm Proud Of

ICFPC	Our team is one of the best — 4 <sup>th</sup> place last year, always in top-30.
Spawnfest	In 2012, we wrote Hoogle for Erlang's typespecs, getting 3 <sup>rd</sup> place. If I wasn't an University drop-out, I'd write a paper about it or something.
Self-taught maths	I've learned calculus and linear algebra by myself, but what I really care about is discrete maths — love modal logic, category theory and type theory. Currently digging HoTT.
Self-taught Haskell	Haskell is a pretty strange language. Learning it only with LYAH and RWH is something to be proud of, in my opinion.
Contributions to Moxie's Convergence	CA system is broken. Moxie fixed it. Nobody cared. But I was there when hot stuff was happening.
Contributions to Elixir stdlib	Original pretty printing implementation based on Hughes-Wadler document algebra. Build-script fixes.
Pwning buses	Reported serious vulnerability in Ecolines ticket booking service that got confirmed. Reported vulnerability in on-board per-passenger computer middleware.
Starting Business	In July 2015 I've started my own business, targeting open-source writing and FP consulting.

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## Education

2008 **Secondary School #22**, *Riga*.

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## Professional Interests

- Building new libraries and library stacks with PureScript and Haskell.
- Team and project management.
- Teaching and consulting.

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## Personal Interests

Programming	<a href="http://github.com/manpages">http://github.com/manpages</a> (my github is a huge code dump, good luck finding pearls there!)
Math and CS	Reading papers about distributed systems and Haskell stuff
Music	Progressive rock, Art rock
Sports	Ice Hockey, StarCraft II
Other	Tabletop RPG, Science Fiction, Interactive Fiction

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## Personal Information

Age	25
Marital status	committed relationship