Vlad Kozin

Clojure, ClojureScript, Racket, Redex, JavaScript, OMeta, meta-programming Fall 13 Recurse Center (aka Hacker School) alum

Since Apr 2017	Programmer at Droit (London, UK)
urqe zull	Same as before but with obligatory daily commute.
2015-2017	Programmer/Consultant at Droit (New York, USA - remote)
	Building an expert system for compliant trading. Sneaking Clojure/ClojureScript into unsuspecting financial giants. On any given day I could be designing DSLs, implementing compilers, parsers, rule-based engines, putting together simple browser-based GUIs and whatever else the startup life would have me do.
014-2015	Programmer at Yindion (Moccow, Russia). Officially a member of Search infectioned, Development Infrastructure group, but mostly I we backent tools that perform source to source compilation; panes, transform and generate cook. Any given project will inevablely depend our, creative, perprise, attempts, suglify-ix, escoolagen, sight. If I'm lucky and do it right frontend developers get to use my work and ge at the credit.
1009-2011 1007-2009	Equity Derivatives & Structured Products Sales at Renaissance Capital (Moscow, Russia). EM Structured Solutions and Derivatives Sales at Barclays Capital (London, UK).
	Projects
Racket	Author of ometa-racket, a mostly complete Racket implementation of OMeta - OO pattern- matching language that extends PEGs with ability to handle left-recursive rules and match structured data.
	Author of skish, a mostly futile attempt at porting Olin Shivers' wonderfulsosh to Racket. scsh is a non-interactive Unix shell embedded within Scheme (originally Scheme48).
Clojure	Author of several closed-source products: FpML message parser, financial derivatives
lavaScript	classifier based on ISDA taxonomies, legal annotation tools, etc. Author of bemintni-syntax, a syntax converter for BEMHTML - an XSLT inspired templating language - part of BEM methodology of frontend development.
	Author of bemintmi-source-convert, a best effort compiler from BEMHTML templates to Bi- templates.
	Author of xist-more, an XJST-based compiler for BEMHTML templates that facilitates incremental compilation of templates potentially on the Client. WIP.
	Contributor to ometa-js, a JavaScript implementation of OMeta.
	Contributor to bem-xjst, XJST-based compiler for BEMHTML templates.
macs Lisp	Author of jslime, a minor mode that sends JavaScript code to Node is repl - silly little thing with very few features that does make iterative JavaScript development in Emacs sane.
	Contributor to whatever little thing I find annoyingly broken in my daily Emacs use. Could bug reports or tiny fixes to upstream packages.
	Formal education
004-2006	Keldysh Institute of Applied Mathematics (Moscow, Plussia) PhD track in Applied Mathematics, dropped out
1005	New Economic School (Moscow, Russia) MS in Economics track with full scholarship, dropped out
1999-2004	Lomonosov Moscow State University (Moscow, Russia) MS in Theoretical Mechanics and Applied Mathematics.
	Autodidacticisms
2012	How to Design Programs by Matthias Felleisen et al.
	How I was introduced to programming. Assorted solutions to HtDP.
2012	Programming Languages, [Certificate] Brown University
	How I was introduced to creating PLs. Taught by Shriram Krishnamurthi based on his wonderful PLAI text. My solutions - a sequence of interpreters for progressively more complex languages: all the way to OOP, CPS transforms and type checkers.
2014	Hardware/Software Interface, [Certificate 89.6%]
	University of Washington for Coursera How I was introduced to systems programming. Essentially an introduction to Computer Systems course as taught at Carnegie Mellion with the same course-load and text Comput
	Systems: A Programmer's Perspective by Bryant and O'Hallaron.
	Paradigms of Computer Programming 1, [Certificate1 94%]
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Most of my activities and interests these days involve boxes with lights and buttons. Even so there were reports of me cycling, bouldering, surfing, roller-skating, sking and more. Having owned a sports carl II choose a bloptice every firm.

Lived in the LIK, US, Hungary, Spain and far more exotic places. Crossed the US from Mexico to Canada twice with the current state court of 19.