## Vladilen Kozin

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

	Corporate ladder
Since Apr 2017	Programmer at Droit (London, UK)
2015-2017	Same as before but with obligatory daily commute.  Programmer/Consultant at Droit (New York, USA - remote)
	Building an expert system for compliant trading. Sneaking Clojure/ClojureScript into
	beauting an expercy system for Complaint requires, shreading displace redigites only in the unsuspecting financial glaint. On any given day I could be designing DSLs, implementing compliers, parsers, rule-based engines, putting together simple browser-based GUIs and whatever else the startup life would have me do.
2014-2015	Programmer at Yandex (Moscow, Russia).
	Officially a member of Search Interfaces Development Infrastructure group, but mostly! with backend tools that perform source to source compliation: parse, transform and generate code. Any given project will inevitably depend on: ornetaje, esprima, estraverse, ugilij-je, escodegen, xjst. If I'm sucky and do it right frontend developers get to use my work and get all the credit.
2009-2011 2007-2009	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' wonderfulscsh 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 classifier based on ISDA taxonomies, legal annotation tools, etc.
	Contributor to seqexp, regular expressions for Clojure sequences.
JavaScript	Author of bemhtml-syntax, a syntax converter for BEMHTML - an XSLT inspired templating language - part of BEM methodology of frontend development.
	Author of bemintml-source-convert, a best effort compiler from BEMHTML templates to BH templates.
	Author of xist-more, an XJST-based compiler for BEMHTML templates that facilitates incremental compilation of templates potentially on the Client. WIP.
	incremental compilation of templates potentially on the Client. WIP.  Contributor to ometa-is, a JavaScript implementation of OMeta.
	Contributor to ometa-js, a JavaScript implementation of OMeta.  Contributor to bem-xjst, XJST-based compiler for BEMHTML templates.
	Formal education
2004-2006	Keldysh Institute of Applied Mathematics (Moscow, Russia)
	PhD track in Applied Mathematics, dropped out
2004	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.
2012	How I was introduced to programming. Assorted solutions to HtDP.
	Programming Languages, [Certificate] Brown University
	How I was introduced to creating PLs. Taught byShriram 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%]
	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 Melion with the same course-load and text Compute
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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-skalting, sking and more. Having owned a sports carl'Il choose a buylore every time. Hungary, Spain and far more exotic places. Crossed the US from Mexico to Canada twice with the current state court of 19.

vladilen.kozin@gmail.com • +44 7494979 626 • London, UK pdf version • txt version • doc version • html version