Vladilen Kozin

	Corporate ladder
Jul-Dec 2019	Senior Programmer at All Street Research (London, UK) Building cognitive assistant for investment research in Clojure(Script). Front and back, Al, NLP, and more buzzwords here.
Apr-Nov 2017	Senior Programmer at Droit (London, UK) Same as before but with obligatory daily commute.
2015-2017	Programmer/Consultant at Droit (remote and New York, USA) Building an expert system for compliant trading. Sneaking Clojure(Script) into unsuspectin financial giants. An any given day 1 octude to designing DSLs, implementing compilers, parsers, rule-based engines, putting together simple browser-based GUIs and whatever el the startup file would have me do.
2014-2015	Programmer at Yandex (Moscow, Russia). Officially a member of Search Interfaces Development Infrastructure group, but mostly I wrote backent obte for source to source compilation -engines to write your template engines. If were lucky and did it right frontend developers would get to use my work and take all the credit.
2009-2011	Equity Derivatives & Structured Products Sales at Renaissance Capital (Moscow, Russia).
2007-2009	EM Structured Solutions and Derivatives Sales at Barclays Capital (London, UK).
	Projects
Emacs Lisp	Author of multi-el- all things multiple dispatch for Emacs Lisp: type driven dispatch with protocols, ad-hoc polymorphism with multi-methods, pattern-matching and destructuring without noise with multi-patterns, case-dispatch with multi-defuns, benchmarking with multi- benchmarks.
Racket	Author of tilds an opinionated threading macro with self-documenting hole-markers, claus level keyword options and an implicit escape continuation.
	Author of prelude that extends Racket with generic associative API, Lua-style meta-tables prototypal inheritance and more.
	Author of ponzi - the beginnings of a clever Scheme for a discerning smart contract builde WIP but it does implement the Ethereum Virtual Machine close enough to the Yellow Pape
	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' wonderfulsesh to Racket. scah is a non-interactive Unix shell embedded within Scheme (originally Scheme48). Contributor to Racket the language.
Clojure	Contributor to Hacket the language. Author of several closed-source products: FpML message parser, financial derivatives classifier based on ISDA taxonomies, legal annotation tools, PDF and XML content extract and transformation tools.
	Author of bot - a crypto-currency arbitrager that could talk to several exchanges including Bitfinex and GDAX. It uses Clojure Spec to parse and validate protocol messages and ale
	for async communication and concurrency. Author of playrum - just getting the taste for React in ClojureScript.
	Contributor to sequep, regular expressions for Clojure sequences.
JavaScript	Author of bemintmi-syntax, a syntax converter for BEMHTML - an XSLT inspired templating language - part of BEM methodology of frontend development.
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	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. Public Speaking
Sep 2019	talk at Strange Loop'19 (St. Louis, USA)
Jul 2019	talk at RacketCon'19 (Salt Lake City, USA)
	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
2018	Language-oriented Programming and Language Building The Racket Summer School 2018 (Salt Lake City, USA)
2017	Rodex for designing operational semantics The Racket Summer School of Semantics and Languages (Salt Lake City, USA) While largeted at P.P.De a bunch of us non-academic types had been admitted. Learnit creats languages quickly and back them up with runnable reduction semantics what's no to like?
2015	Introduction to Probability, [Certificate 94%] MIT for edX Because it's awesome.
2014	Paradigms of Computer Programming 1, [Partificate! 94%] Paradigms of Computer Programming 2, [Partificate2 97%] Universitie candings of Liouvaith Food, Universitie candings of Liouvaith Food, Universitie candings of Liouvaith Food, Inc. 1997, 199
2014	Handware/Software Interface, [Curificate 89.6%] University of Washington for Coursea. How I was introduced to systems programming, Essentially on Introduction to Computer Systems course as basight at Carnegie Melton with the same course-load and text Comput Systems. Programming: Perspective by Bypart and O'Haldware.
2012	Programming Languages, [Certificate] Brown University New Years (Transport of Certificate) Whow I was introduced to creating PLs. Taught by Shiriram Krishnamurthi based on his wonderful PLAI text. My solutions - a sequence of interpreters for progressively more complex languages: at the way to OCP. PS transforms and type checkers.
2012	How to Design Programs by Matthias Felleisen et al. How I was introduced to programming. Assorted solutions to HtDP.
	Languages
Russian, English Clojure Racket Emacs Lisp JavaScript TCL OMeta Redex	Equally uconfortable, what give to use on the plot. Can't complain. Favorite Liqu, Would be my weepon of choice were such choice ever offered. Unavoidable Lipo for yell means user. It is supprisingly fur the code. Wrote fair amount, mostly backend compiler stuff with Nobel; Happy parallel universe where people no longer with Shell scripts. Extensive expression withing parases with complex and context depending rammars. Can implement executable semantics for your belanguage or DS.
Java C	Enough to write a Clojure wrapper with necessary bindings. Enough to pass a systems programming class but not nearly enough to actually use it.

Activities and interests

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 car I'll choose a boycle every first. Hungary, Spain and far more exotic places. Crossed the US from Mexico to Canada twice with the current salate court of 19.