

# RUSLAN PRAKAPCHUK

## PERSONAL INFORMATION

<i>aka</i>	Ruslan Prokopchuk
<i>born</i>	18 April 1988
<i>citizenship</i>	Belarus
<i>residence</i>	Odessa, Ukraine
<i>email</i>	<a href="mailto:fer.obbee@gmail.com">fer.obbee@gmail.com</a>
<i>skype</i>	ruslan.prokopchuk
<i>github</i>	<a href="https://github.com/ul">https://github.com/ul</a>
<i>phone</i>	+380 (50) 676 63 80

## PROFILE

I prefer to participate in projects having a high positive social impact by either revolutionary innovations or humble improvements of a day-by-day life and work. That's why nowadays I'm specialized in front-end development (Web UIs are an important part of millions of people's access to tech goodness) and why I'm highly interested in Machine Learning (it is one of the frontiers of life's improvements today).

I admire equally two things in programming: it is the source of endless play and it is the tool for getting things done. I like to evaluate new technologies and integrate them into development process when they match my criteria including simplicity (they reduce incidental complexity) and robustness (they don't eat my laundry). That's why nowadays I favour Clojure and ClojureScript stack for the most of my tasks and evaluating OCaml and BuckleScript as the next level up.

## WORK EXPERIENCE

<i>Lohika</i> <i>Odessa, Ukraine</i> <i>Onsite</i>	<i>2016–Present</i>	Senior Software Engineer, Lohika
		Participated in development of 100kLOC SPA with React/Redux stack: <ul style="list-style-type: none"><li>• Reduced app complexity significantly by expressing data dependencies in reactive way.</li><li>• Improved unit-testing experience by more fine-grained separation of pure and impure code.</li><li>• Implemented tons of new features.</li></ul>
<i>Condense</i> <i>Hobart, Australia</i> <i>Remote</i>	<i>2015–2016</i>	Senior Software Engineer, Condense
		Creating single-page applications for managing wide range and volumes of data with complex logic for Australian research institutions. Detailed achievements: <ul style="list-style-type: none"><li>• Developed application architecture based on unidirectional flow and functional reactive programming paradigms.</li><li>• Developed ClojureScript libraries implementing that architecture and used them with Facebook React to achieve great development performance and code clarity and maintainability.</li><li>• Delivered large applications using mentioned approach and libraries.</li><li>• Refactored existing applications to significantly reduce their incidental complexity.</li></ul>

<i>IProjecting</i> <i>Moscow, Russia</i> <i>Remote</i>	<p>2012–2014      Full-stack Web Developer, IProjecting</p> <p>Worked on “A-a-ah!” project dedicated to cities, their places and events. Mostly focused on Moscow. Back-end &amp; front-end programming. LAMP stack, Yii + Smarty, Redis, Javascript/jQuery, HTML, CSS.</p> <p>Links:</p> <ul style="list-style-type: none"> <li>• <a href="#">Russian version, lot of content, regularly updated</a></li> <li>• <a href="#">English version, less actively maintained</a></li> </ul>
<i>N-COM</i> <i>Moscow, Russia</i>	<p>2011–2012      Software Engineer, N-COM</p> <p>Full Brain-Computer Interface software package: signal recognition, filtration, classification, interface to various controlled devices, feedback/training/gamification applications. Technology stack: C#, Python, scikit-learn, MDP, PyQT, ZeroMQ.</p>
<i>ERB</i> <i>Minks, Belarus</i>	<p>2006–2008      Web Developer, European Radio for Belarus</p> <p>Support and further development of radio’s website based on Campsite PHP engine. The site was actively used for radio streaming and news publishing. LAMP stack, plus Javascript/jQuery at the front-end part.</p>

## EDUCATION

<i>Instructor of</i> <i>Psychotechnics</i>	<p>2010–2013      University of Effective Development, Kiev</p> <p>Studied theoretical foundations and pragmatic techniques of psychic resources utilization, such as attention control and extreme situations handle and recover. Acquired qualification to use and teach those techniques.</p>
<i>Laser Physics and</i> <i>Spectroscopy</i> <i>3-year course</i>	<p>2005–2008      Belarusian State University, Minsk</p> <p>Was in love with physics, but left university to follow my two other passions: travelling and programming.</p>
	<p>Note</p> <p>I have no official university diploma. Sorry if it is an issue for you.</p>

## VOLUNTEER EXPERIENCE

<i>Computer Science</i> <i>Teacher</i>	<p>2016–2017      IT2School, Odessa</p> <p>Run two CS/Python courses for children of age 9-18.</p>
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## COMPUTER SKILLS

<i>Languages</i>	Clojure, ClojureScript, Julia, Python, JavaScript, CoffeeScript, HTML, CSS, SASS, LESS, OCaml, BuckleScript
<i>JS Frameworks</i>	React, Redux, virtual-dom, inferno
<i>JS Build Tools</i>	Browserify, Webpack
<i>DBs</i>	MySQL, Redis, Datomic
<i>VCS</i>	Git, Mercurial
<i>OSes</i>	Linux, Mac OS, Windows
<i>Other</i>	Functional Programming, API Design, Machine Learning

## OTHER INFORMATION

*Languages*

RUSSIAN · Mothertongue

BELARUSIAN · Mothertongue

ENGLISH · Intermediate (conversationally fluent)

*Interests*

Flutes · Dorombs · Modern Jazz · Computer Music · Travelling

Constructivist epistemology · Psychotechnics · Magic: the Gathering

May 30, 2017