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What I do every day:

- state and prove theorems of formal constructivist logic ([proof](#));
- learn cool new things.

Position, purpose: Scala Developer.  
Willing to work on challenging projects.

Education:

- National Taras Shevchenko University of Kyiv, 2008  
Faculty of cybernetics, chair of theory and technology of programming.  
Full-time, graduate (BS)  
Thesis: Semantic web
- National University of Kyiv-Mohyla Academy, 2010  
Computer science faculty, chair of the software of the automated systems.  
Full-time, graduate (MS)  
Thesis: Design Patterns for Object-Oriented-Functional hybrid programming languages

Tech skills: Scala (in production code)    • Core

- Lift Framework
- Akka (1.x, 2.0.x, 2.1)
- scalaz (6.x, 7.0.0), contributed to the project
- specs2, scalacheck
- sbt, maven

Scala (in personal/opensource projects)    • Play2! framework

- spark, contributed to the project
- spray

JS    • jquery

- backbone.js
- roy, contributed to the project's ecosystem (maven plugin, emacs mode)
- have interest in ray, as well as idris and agda js backends

Java    • Enterprise

- Spring, Hibernate.

Android    • Robotium solo, frameworks, android apps.

Misc, hobbies: Haskell, drums, manga and recently bouldering.

Tools, Im used to:    • Arch linux + xmonad;

- emacs (my standard setup mainly consists of: evil-mode, scala2-mode ensime (with scala-mode), haskell-mode, nXML-mode, js2-mode, org-mode, L<sup>A</sup>T<sub>E</sub>X-mode, jabber.el and some self-made stuff for convenience) [my config on github](#)
- git.

Work experience:

- [deltamethod GmbH](#) (01.2013 – present)  
Position: Software Engineer  
I'm developing a recommendation system for improving online ads/ad campaigns, using machine learning algorithms in python.  
Tech: python, numpy, pandas, scikit-learn, pylab.
- [Daxx](#) (04.2011 – 12.2012)  
Position: Scala developer.  
Client: [The New Motion](#).  
Responsibilities: I was the second person, joining the client's remote dev team (9 people now). Had a chance to work on/initiate/lead all the projects, company did.  
Tech: scala, akka, scalaz, scalaxb, liftweb, dispatch, protobuf, mysql, cassandra, specs2, scalacheck, js, backbone.js, underscore.js, rabbitmq.  
Projects:
  - Car Sharing – Enabling companies share electric cars among their employees.
  - Car Online – Putting the electric vehicle online. That is, get the information like accumulator charge state, GPS coordinates, etc. from the car to our servers, analyze, show that to the driver.
  - Charge Network – Backend to operate charge points across Netherlands. This is a place, where charge points connect to, and get managing commands (like authorizing users to perform a charging session based on chargepass, rebooting the point, etc.) and software updates from.
  - LoveToLoad – User portal for the chargenetwork, where users can get details and statistics data on their chargepoints and chargecards.
  - Admin Portal – Place, where network administrators manage the network through interfaces, provided by the chargenetwork.
  - Winterfell – A hub to exchange chargepoints status notifications across multiple networks. For example, we give our chargepoints statuses to opaadpalen.nl.
  - Bitlment – An internal project, that processes chargesessions to generate billings.
  - MSP – Internal CRM project.
- [Ciklum](#) (02.2011 – 04.2011)  
Position: Android Engineer.  
Client: [Mecom](#).  
Responsibilities: Development of the main app backend and frontend framework.  
Tech: java, android apis.
- [Cogniance Inc.](#) (06.2010 – 02.2011)  
Positions: Android Java/Automation Test Engineer → Android Developer → Senior Software Engineer.  
Clients: [INQ Mobile](#), [Laszlo Systems](#), [Buildabrand](#).  
Responsibilities:
  - INQ Mobile: Development of the internal testing framework, unit and smoke tests for the platform in terms of that framework. Development of the backend for syncing facebook events with android calendar. Final product is INQ Cloud Touch device.

- Laszlo Systems: Development of the mobile app for laszlo webtop server solution.
- Buildabrand: Designing and implementing new relevant search architecture and algorithms.

Tech: robotium solo, android platform frameworks, android apps; lucene, spring, hibernate, wordnet.

- **Serena Software** (07.2009 – 06.2010)  
Position: Software Engineer.  
Project: **SBM**.  
Responsibilities: Development of the notification server backend, integrating new frontend in flex.  
Tech: Spring, Hibernate.
- **CyberVision Inc.** (04.2009 – 07.2009)  
Position: Junior Java Developer.  
Client: **Verizon Inc.**  
Responsibilities: Developing and implementing statistic tools for the system load process.  
Tech: Java, ksh, PL/SQL (Oracle).
- **JSC "UkrCard"** (03.2007 – 05.2008)  
Position: software support department system programmer of internet-services processing centre.  
Client: several Ukrainian banks.  
Responsibilities: Development and support of the main processing system engine for banks-partners, creating technical documentation.  
Tech: PHP, Oracle.