

Resume

Oleg Sivokon

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1 Contact Information

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You can find an up-to-date electronic copy of this document at
<https://github.com/wvxvw/resume>

2 Technology Summary

2.1 Languages

ActionScript, C, Clojure, Common Lisp, Emacs Lisp, Erlang, Forth, Haskell, Haxe, Java, JavaScript, Mercury, OCaml, PHP, Prolog, Python, Ruby, Scala, Scheme, Shell.

2.2 Mathematics And Statistics

J, Julia, Maxima, Octave (Matlab), R (S).

2.3 Related Technologies

Data representation formats (XML, YAML, JSON, RDF, AMF), Graph databases, Network protocols (TCP, UDP, HTTP, FTP), Relational databases (SQL), Web stack (HTML, CSS).

2.4 Programming Environments

Eclipse, Emacs, IntelliJ IDEA, Vim, Visual Studio.

2.5 Operating Systems

Android, GNU/Linux, Mac OS, Microsoft Windows.

2.6 Infrastructure

Ant, Maven, Gradle, Make, Grunt, Jenkins, JIRA, Redmine, Track, Mediawiki, Bugzilla, Selenium, Flex Unit, JUnit, unittest (Python), 5am, Cucumber, Git, Subversion, Mercurial, Perforce, Bazaar.

3 Work History

3.1 PowToon Ltd.

Position *Programmer / ops*

Term *January 2014–May 2015*

Accomplishments

- I set up and maintained Jenkins continuous integration server in an AWS box. Maintenance included writing non-trivial configuration files, patching plug-ins (the mailer plugin), and one major version upgrade.
- I wrote most of the infrastructure code s.a. build scripts, automated test generation and simplistic statistical analysis. This included Ant build scripts for the ActionScript part of the project. Gradle scripts for managing back-office resources. Python (Fabric) scripts for deployment of the server-side and some statistics extraction from the customers database (NumPy, SciPy), although the later was more of an experiment.
- I wrote several designs for the product.

3.2 TransGaming Inc.

Position *Programmer / ops*

Term *April 2013–2013 (less than a year)*

Accomplishments

- I wrote a tester program, which stress-tested the program performance on “Smart TV”.
- I wrote automated build for my project.
- I wrote a sizable chunk of code dealing with usage statistic aggregation using Google Analytics.
- I did a good deal of administrative work on company’s Git repository. This included working with history, cleaning the repository up, exporting reports, managing users’ permissions, writing hooks.

3.3 Rounds

Position *Programmer*

Term *December 2010 – August 2011 (9 months)*

Accomplishments

- I wrote a testing server and utility programs for automated testing.
- I wrote a small natural language processing program which was used to advertise the company's product.
- For a short while I managed company's bug tracking system (Trac), later replaced by Redmine, and then outsourced.

4 Courses

- I am a second year student in Open University of Israel, faculty of Mathematics.
- I also took some on-line courses, s.a. Data Scientists Toolbox, Statistics, Data Analysis, Machine Learning. at Coursera and edX.

5 Books

This section lists some books, which, in my view, may help explain what kind of knowledge I have in relevant fields.

agile programming Extreme Programming Explained by Kent Beck.

software architecture Patterns of Enterprise Application Architecture by Martin Fowler.

development and operations Pro Puppet by Spencer Krum, William Van Hevelingen, Ben Kero, James Turnbull, Jeffrey McCune.

general computer science SICP, AITMA, TAOCP. Less commonplace ones: Types and Programming Languages by B. C. Pierce, Homotopy Type Theory: Univalent Foundations of Mathematics, A Structural Approach to Operational Semantics by G. D. Plotkin—just to give you a sense of what I'm interested in.

I regularly read CS periodicals, attend on-line lectures and listen to podcasts with particular interest in AI and computational linguistics.

6 Volunteering And Community Work

SCons project, ActionScript plugin. (SCons is an extensible build system written in Python).

For several years I was a member of Adobe Community Board. I moderated a forum dedicated to Flash and ActionScript.

I'm an active member of Emacs Q/A site from the StackExchange family.

7 Examples Of My Work

My Github profile: <https://github.com/wvxvw/>.

8 Hobbies

- NLP
- Computational linguistics
- Moral philosophy
- General AI
- Graphs