DMITRIY VOLKOV

DEVOPS, I GUESS

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A backend software developer / apprentice architect with FLOSS and infosec focus interested in data analysis. I'm also quite well versed in infrastructure management and have had some minor experience building web interfaces (for I couldn't deem any 'desktop' framework adequate). See below for keywords.

SKILLS

I N F R A	EC2 OPENSTACK LXC DOCKER
D A T A B A S E	POSTGRESQL MONGODB SQLALCHEMY ALEMBIC
L O W - L E V E L	C C++ RUST
H I G H - L E V E L	PYTHON C#
W E B S T A C K	ECMASCRIPT HTML 5 CSS LNPP MVC REST
P M	AGILE KANBAN JIRA TAIGA GITHUB GITLAB
C O M M O N	GNU/LINUX ZSH GIT NVIM

EMPLOYMENT

Systems administrator, LIT1533
2014-09 — 2015-09

Infrastructure administrator / integrator with infosec focus.
- Deployed and mantained a local GitLab instance
- Massively improved both core and outer infra security
- Researched alternatives to and prepared migration processes from outdated services / platforms (for i., mail)
- Implemented version control for critical configuration

PROJECTS

Co-creator, MergeNews
2015-08 — Present

Large-scale news stream processing with aggregation, propagation analysis, clusterization and topic extraction - and a user-useable webUI.

news stream Big Data Python WebUI

Co-creator, MouseBrainGraph
2015-05 — Present

Analysis of some graph characteristics of mouse brain mesoscale connectome (Allen's Mouse Brain Atlas).

graph neuro mesoscale Allen Institute Python

Creator, Enlarter
2015-03 — Present

Image expansion via inpainting set by genetic algorithms seeded by assessors.

genetic inpainting WolframAlpha PostgreSQL SQLAlchemy AJAX JavaScript Python WebUI

Co-creator, LHarpy 2014-03 — 2014-05

A simple, extensible and easy-to-customize laser harp.

hardware MIDI realtime MCU Python

EDUCATION

Lyceum of Information Techology #1533   Algorithmics DBA   2012-09 — 2016-05
Advanced OOP

AFFILIATION

Member, RiseUp   2016-05 — Present

A reasonably secure social communications workgroup.

Member, OpenDataScience   2016-02 — Present

A well-known Russian data science community.

Member, GoTo   2015-06 — Present

IT educational project promoting industry connectedness; a core member since 2015-10.

Member, JJ   2013-01 — Present

A continuation of AV-School, now indepent of Kaspersky.

Member, Kaspersky AV-School   2012-03 — 2012-12

In-depth practical infosec courses from one of industry leaders.

Participant, Moscow Data Fest2   2016-03 — 2016-03

Participant, 32C3   2015-12 — 2015-12

SAMPLES

TrendyKon   2016-02

A VK grabbing / parsing lib developed during GoToHack BigData.

m328p-boilerplate   2014-07

A starting point for AVR (particularly Atmega M328P, not tied to it though) development.

WRITING

Yet another git cheatsheet / introduction, LIT1533   2015

READING

Hacker News / YCombinator
Daily reader and longtime lurker.

Habrahabr
Occasional reader and longtime lurker.

Medium

LWN

Coding Horror, Jeff Atwood

Essays, Paul Graham

Essays, Richard Stallman

RECOGNITION

Scientific Capacity Diploma, Deloitte
2016

Implemented a multi-threaded VK grabber and analyzed posts propagation throughout the course of a 36-hour hackathon.

First grade Diploma, ERCY
2014

Presented a laser harp pet project.

Awardee Diploma, Russian Countrywide Olympiad, Regional stage
2013

SPEAKING

On individual educational trajectories, MIEF
2016

A disruptive short talk at the Moscow International Education Fair.

Multiple talks on software architecture and project management, LIT1533
2015

REFERENCES

Dmitry Sokolovsky

Ivan Bibilov