

Vitaly Samigullin

Developer

samigullinv@gmail.com

Experience

Independent Contractor at self-employed

September 2009 - Present (7 years 2 months)

Software development:

- Web development: Python 2/3, Flask, Django, web2py, Git, SQLAlchemy, PostgreSQL, Celery, RabbitMQ, HTML, CSS, JavaScript, Twitter-Bootstrap CSS Framework.
- Plugin development for Shop-Script e-commerce framework in PHP.
- Data Analysis: web-scraping, social media data mining (Twitter/VK API) with Python BeautifulSoup and R.
- Book publishing process automation with TeX, LaTeX, LuaTeX, Python, Bash, Git, web2py.
- Embedded system prototype programming in ANSI/C (ARM Cortex® M4 microcontroller based, development with µVision® IDE).

System Administration:

- Linux (Arch Linux, Gentoo, Ubuntu Server, CentOS).
- DB (PostgreSQL, MySQL).
- Web and proxy servers (Nginx, Apache).
- Task Queue Systems (Celery + Redis/RabbitMQ).
- Mail servers (Postfix + DKIM + SPF).
- Virtual machines (Vagrant + VirtualBox with Bash and Puppet provisioning).
- Automation (Bash + GNU/coreutils, Python, a bit of Perl).
- Deployment in Heroku, DigitalOcean.

Project management:

- Working with international teams.
- Freelancers/independent contractors remote management.
- Marketing (including Social Media Marketing, SEO, Google AdWords).

Languages

English	(Full professional proficiency)
Russian	(Native or bilingual proficiency)
German	(Limited working proficiency)

Organizations

sdf.org

ARPA Member

HCoop.net

Member

2012 to Present

Certifications

edX Verified Certificate for Embedded Systems - Shape the World

edX May 2015

edX Verified Certificate for Systematic Program Design - Part 1

edX

edX Verified Certificate for Systematic Program Design - Part 2

edX July 2015

edX Verified Certificate for Systematic Program Design - Part 3

edX

Programming in C++

Computer Science Center November 2014

Algorithms and Data Structures

Computer Science Center November 2014

edX Verified Certificate for Introduction to Functional Programming

edX

The Hardware/Software Interface

Coursera June 2013

Coding the Matrix: Linear Algebra through Computer Science Applications

Coursera August 2013

Introduction to Data Science

Coursera June 2013

Computing for Data Analysis

Coursera October 2012

An Introduction to Interactive Programming in Python

Coursera June 2013

Web #####

Stepic.org June 2016

Skills & Expertise

Python

Flask

Nginx

uWSGI

Git

Celery

RabbitMQ
PostgreSQL
Linux System Administration
CentOS
Shell Scripting
LaTeX
HTML
Cascading Style Sheets (CSS)

Education

Ufa State Aviation Technical University
Specialist, Information Security, 2003 - 2008

Interests

information security; recreational programming in Racket, Haskell, Java; reading; kayaking; hiking

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[Contact Vitaly on LinkedIn](#)