

VLADYSLAV FROLOV

Software Developer

Kharkiv, Ukraine
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🐙 github.com/frol

EDUCATION

- September 2012 – **Master's Degree**, *Kharkiv National University of Radio Electronics, First Class Honours.*
June 2013 Security of Information and Communication Systems
“RESEARCH OF SYNTHESIS METHODS OF NONLINEAR S-BOXES FOR BLOCK SYMMETRIC CIPHERS”
September 2008 – **Bachelor's Degree**, *Kharkiv National University of Radio Electronics, First Class Honours.*
June 2012 Security of Information and Communication Systems
“SECURITY ANALYSIS OF WEP PROTOCOL IN 802.11 WLAN COMPUTER NETWORKS”

EXPERIENCE

Salford Systems

- June 2012 – today **Software Engineer**, *Data Mining and Predictive Analytics Software company.*
- Designed and developed a distributed data mining (BigData) project
– PYTHON, YARN HADOOP, PYSPARK, PYTHON C-EXTENSIONS, PYINVOKE, ANACONDA
 - Designed and developed a data mining SaaS with a distributed backend in the cloud
– PYTHON, DJANGO, POSTGRESQL, REDIS, AWS, HTML/CSS/JS
 - Developed an automated distributed testing system for Salford Systems' software suite
– PYTHON, DJANGO, CELERY, POSTGRESQL, REDIS
 - Developed a text mining tool using Natural Language Toolkit
– PYTHON, NLTK
 - Set up Salford Systems IT infrastructures
– LINUX, DOCKER, HADOOP, FREEIPA, CFENGINE, NGINX, JENKINS, REDMINE, PYINVOKE

Escalibro

- October 2010 – **Co-creator**, *pet project.*
today This is a Web-service for writers and readers, that provides simple and convenient book writing and reading. I was involved in the every bit of the project: servers tuning, UI design, frontend and backend development
– LINUX, IPSEC, PYTHON, DJANGO, CELERY, MYSQL, RABBITMQ, HTML/CSS/JS

Fahrenheit 451

- April 2011 – **Software Engineer**, *Website building company.*
May 2012 Developed a food delivery web-service for restaurant chains “Mafia” (mafia.ua) and “Yakitoria” (yaki.kh.ua)
– PYTHON, DJANGO, MYSQL, HTML/CSS/JS

EwaDev

- October 2009 – **Software Engineer**, *Website building company.*
December 2011 Developed a variety of websites and web-services
– LINUX, PYTHON, DJANGO, MYSQL, HTML/CSS/JS

LANGUAGES

Russian, Ukrainian Native
English Fluent

COMPUTER SKILLS

Programming Languages PYTHON ○ BASH ○ C++ ○ C ○ JAVASCRIPT ○ SQL ○ HTML ○ L^AT_EX ○ DELPHI/PASCAL

Frameworks and Tools DJANGO ○ FLASK ○ CELERY ○ PYSPARK ○ APACHE SPARK ○ HADOOP YARN ○ REACTJS ○ JQUERY ○ ANGULARJS ○ VIM ○ GIT ○ SVN ○ MERCURIAL ○ NGINX ○ APACHE ○ PYINVOKE ○ STRONGSWAN ○ JENKINS ○ ANACONDA ○ QT

Databases MYSQL ○ POSTGRESQL ○ SQLITE ○ MONGODB ○ RABBITMQ ○ REDIS ○ MEMCACHE

OS GNU/LINUX (DEBIAN, UBUNTU, CENTOS, ARCHLINUX) ○ MS WINDOWS