VLADYSLAV FROLOV

Software Developer

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 🌐 prostoksi.com
  github.com/frol

EDUCATION

2012–2013 **Master's Degree**, *Kharkiv National University of Radio Electronics*, *First Class Honours*.
Security of Information and Communication Systems
"RESEARCH OF SYNTHESIS METHODS OF NONLINEAR S-BOXES FOR BLOCK SYMMETRIC CIPHERS"

2008–2012 **Bachelor's Degree**, *Kharkiv National University of Radio Electronics*, *First Class Honours*.
Security of Information and Communication Systems
"SECURITY ANALYSIS OF WEP PROTOCOL IN 802.11 WLAN COMPUTER NETWORKS"

EXPERIENCE

Salford Systems

2012–today **Software Developer**, *Data Mining and Predictive Analytics Software*.
- Designed and developed a distributed data mining (BigData) library
  – PYTHON, YARN HADOOP, PYSPARK, PYTHON C-EXTENSIONS
- Designed and developed a data mining SaaS with distributed backend in the cloud
  – PYTHON, DJANGO, POSTGRESQL, REDIS, AWS, HTML/CSS/JS
- Developed an automated distributed testing system for the software suite
  – PYTHON, DJANGO, CELERY, POSTGRESQL, REDIS
- Developed a text mining tool using Natural Language Toolkit
  – PYTHON, NLTK
- Set up an IT infrastructure automation with CFEngine.

Escalibro

2010–today **Co-creator**, *pet project*.
Web-service for writers and readers, that provide simple and convinient book writing and reading.
Involved in every bit of the project: servers tuning, UI design, frontend and backend development
– LINUX, IPSEC, PYTHON, DJANGO, CELERY, MYSQL, RABBITMQ, HTML/CSS/JS

Mafia & Yakitoria

2011–2012 **Software Developer**.
Delivery web-service for restaurant chains "Mafia" (mafia.ua) and "Yakitoria" (yaki.kh.ua)
– PYTHON, DJANGO, MYSQL, HTML/CSS/JS

EwaDev

2009-2011 **Software Developer**, *Startup*.
Prototyped a lot of different ideas of web-services
– LINUX, PYTHON, DJANGO, MYSQL, HTML/CSS/JS

LANGUAGES

Russian, Ukrainian Mother tongue
English Fluent

COMPUTER SKILLS

Programming Languages PYTHON ∘ SQL ∘ HTML ∘ JAVASCRIPT ∘ BASH ∘ C++ ∘ C ∘ LaTeX ∘ DELPHI/PASCAL

Frameworks and Tools DJANGO ∘ CELERY ∘ PYSPARK ∘ APACHE SPARK ∘ HADOOP YARN ∘ JQUERY ∘ ANGULARJS ∘ VIM ∘ GIT ∘ SVN ∘ MERCURIAL ∘ NGINX ∘ APACHE ∘ STRONGSWAN ∘ QT

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

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