Status: US Resident (Green Card holder)

LinkedIn: https://www.linkedin.com/in/vloskutov
Website: https://pogromist.io

Summary

- Master of Science Degree in Computer Science and Engineering graduate has a strong foundation in the development of VLSI physical design tools, and in the development of CAD tools for digital IC and systems.
- Experienced in implementation modified algorithms for VLSI physical design automation steps, such as the placement and routing, and in optimizing software in C/C++.
- A responsible and reliable individual with a desire to grow professionally and learn new technology.

Skills Summary

Skill	Tool (if applicable)	Avg. experience (years)
Programming Languages	C/C++, Python, SQL, Java, Perl, Tcl/Tk, Bash, PowerShell	5
Frameworks and Tools	Django, Bootstrap, Elasticsearch, Celery	1
Algorithms	For standard cell placement and global routing	3
Databases	SQLite, PostgreSQL	3
Web	HTML, CSS, XML, JavaScript	8
Platforms	Windows/Unix/Linux	8
Miscellaneous	Mercurial, Git, Eclipse, MS Visual Studio	5

Education

National Research University of Electronic Technology, Moscow, Russia — September 2013 – June 2015
Master of Science Degree in Computer Science and Engineering — GPA: 3.93/4.00

National Research University of Electronic Technology, Moscow, Russia — September 2009 – July 2013
Bachelor of Science Degree in Electronics and microelectronics — GPA: 3.04/4.00

Professional Experience

Verifeed, LLC, Washington DC — September 2016 – December 2016
Software Engineering Intern

- Software development and maintenance that is oriented on social intelligence analytics using Django, Bootstrap
- Tools development and maintenance for generating reports using Django, PostgreSQL, Git
- Agile Development and Test Driven Development.

Company «Angstrem-Telecom», Moscow, Russia — September 2014 – May 2015
Junior Network Engineer

- Testing of network equipment (SoC RTL89xxC) based on OpenWrt and Octopus using Bash, Perl, iptables.
- Finding/Fixing bugs and maintaining code using C/C++, Git.
- Fixing web interfaces using HTML, CSS, JavaScript.
- Writing documentation for network equipment using MS Office.

Projects

Iris Detection — February 2016 – March 2016
The program is for detection the iris of the eye from the image. Used: Python, OpenCV.

PlacerSA — November 2014 – May 2015
Placer for standard cell placement (global & detailed) based on modified algorithm “simulated annealing” for VLSI and FPGA. Used: C/C++, STL, GLUT, Batch scripting.