



SERGEI POPKOV

Programmer / Data Scientist / AI & RL Enthusiast | MOSCOW, 101000, RUSSIA | +7 999 673 21 19

DETAILS

Mashinostroeniya 2nd st., 9,
Moscow, 101000, Russia
+7 999 673 21 19
rslw25@gmail.com

DATE / PLACE OF BIRTH

1989-01-17
Moscow, Russian Federation

NATIONALITY

Cosmopolitan

SKILLS

Academic Programming
Enterprise Programming
Back-end Programmer
Front-end Programmer
Machine Learning
Reinforcement Learning
Inclusive Teaching Techniques

LINKS

Achievements by years
(<http://redserge.github.io>).

GitHub
(<https://github.com/redserge/fun>).

LANGUAGES

English

Russian

Finnish

PROFILE

- Primary Skill: Programmer (programming for more than 20 years).
- Additional Skills: Teacher/Academic Supervisor (with Inclusive Education experience), the Head of Analytics Department / IT Laboratory.
- Known Programming Languages (with related technologies, frameworks and/or implementations):
 - Most used: Python (Cython), Golang, C# (.NET, Mono), Free Pascal (LCL).
 - Medium experience: Basic (VBA for MS Excel, VBScript), Batch Script, SQL (PL/SQL for Oracle).
 - Least experience: Prolog, Ruby, Java, Haskell, Kotlin, Assembler, C/C++ (Qt), LabVIEW.
 - Web-stack: JavaScript (CoffeeScript, jQuery, Node.js), PHP (WordPress), Python-based (Flask) / Golang-based Server, Dart, headless browsers (Casper.js) and generic automation (pyautogui, autohotkey).
- Technologies: GPU NVIDIA DIGITS, GTK#, GTK3+, AJAX, crossplatform programming (Linux/Windows), interprocess communication (pipes, XML, JSON), interlanguage communication (via dynamic objects/link libraries), reverse engineering (a little bit...).
- IDEs: Geany, Glade, Visual Studio, SharpDevelop, MonoDevelop (Xamarin Studio), Lazarus (Delphi/C++ Builder), Jupyter (with Anaconda), Octave (MATLAB).
- Top 3 Preferred Operating Systems: Manjaro, Linux Mint, Windows Server.

EMPLOYMENT HISTORY

- Head of IT Laboratory, University Teacher (IT) at MSUPE, Moscow
August 2015 – Present
- Head of Analytics Dept., Programmer at MSUPE, Moscow
July 2014 – August 2015
- Programmer at MSUPE, Moscow
May 2014 – July 2014



INTERNSHIPS



Tester at ROSATOM, Moscow

January 2008 – September 2008



EDUCATION



MSUPE, Moscow

September 2015 – September 2020

Degree: Ph.D of System analysis, management and information processing



MSUPE, Moscow

September 2013 – September 2015

Degree: Master of Applied Programming in Psychology



MTUCI, Moscow

September 2009 – September 2013

Degree: Bachelor of Programming



METC, Moscow

September 2004 – September 2008

Degree: Programmer (basic speciality)



COURSES



Samsung Compiler BootCamp "Compiler Development: A Practical Introduction", Samsung Research, Russia

September 2019 – October 2019



"Machine Learning Applied for Speech" (Summer School), University of Eastern Finland

August 2019



"Deep Reinforcement Learning for Computer Games" (Summer School), University of Eastern Finland

August 2019



"Modern Inclusive Higher Education Techniques" (promotional training), MSUPE

September 2018 – October 2018



"Data Science / Python / Machine Learning", Digital Technologies School & Yandex

February 2018



"Getting Started with Deep Learning, Approaches to Object Detection", NVIDIA Deep Learning Institute

February 2017

○ "Mathematics and Python for Data Analysis", MIPT & Yandex
November 2016

INTELLECTUAL PROPERTY (WORK-RELATED ONLY)

○ "Applied Multiagent System Stochastic Behavior Modeling Software"
Program Registration Certificate, "Rospatent" Federal Intellectual Property
Service, Moscow
August 2017 – Present

EXTRA-CURRICULAR ACTIVITIES

○ Skillful bug-abusing: "acquired" this resume from the commercial resume
builder and never paid; nothing criminal, just abused a bug, as I generally
like to do.
October 2019

○ Skillful bug-abusing: "tricked" the famous cloud provider to provide an
unlimited storage, free of charge; no rule-breaking, just rule-bending.
October 2018

HACKATHON AND CONTEST AWARDS

○ Academic Grading (University of Eastern Finland), 10 ECTS out of 10
September 2019

○ "Hacknowledge" Hackathon (organized by Yandex, Wikimedia.ru and
Webpublishers.ru), 1st place (The Victory Cup)
May 2019

○ "The Youth and the Future of Aviation and Cosmonautics" Competition
(organized by Moscow Aviation Institute), 1st place (The Victory Cup)
November 2018

○ "The Youth and the Future of Aviation and Cosmonautics" Competition
(organized by Moscow Aviation Institute), award (Qualifying Stage)
November 2018

○ Federal all-Russian Scientific Civilian Competition (organized by the Ministry
of Defence of the Russian Federation and Russian Armed Forces), 2nd place
November 2018

○ "The Youth and the Future of Aviation and Cosmonautics" Competition
(organized by Moscow Aviation Institute), award (Qualifying Stage)
November 2017

SCIENTIFIC AWARDS

○ Best Scientific Presentation Award, "Neurocomputers and their
Applications" Conference, Moscow
March 2017

- Best Scientific Research Project Nomination Participation Award, “Scientific and Technical Creativity of Youth 2015” Exhibition, Moscow
June 2015
- Best Scientific Paper Award, “Neurocomputers and their Applications” Conference, Moscow
March 2015
- Best Scientific Presentation Award, “Neurocomputers and their Applications” Conference, Moscow
March 2014



REFERENCES

- Kuravsky L.S., Popkov S.I.
Forecasting macro parameters representing the behavior of an applied multi-agent system. | International Journal of Modeling, Simulation, and Scientific Computing, 2018, Vol. 9, No. 6 (2018), 1850052, 15 pp, DOI: 10.1142/S1793962318500526 [SCOPUS].
- Kuravsky L.S., Popkov S.I., Artemenkov S.L.
An applied multi-agent system within the framework of a player-centered probabilistic computer game. | International Journal of Modeling, Simulation, and Scientific Computing, Vol. 9, No. 1 (2018), 17 p, DOI: 10.1142/S1793962317500635 [SCOPUS].