



Artem Lukoyanov

Curriculum Vitae 05.10.2018

Day of birth 12.10.1997

Nationality Russian

Education

- September 2018–Present **Data scientist**, *School of Data Analysis of Yandex*, Moscow, Russia.
Algorithms | Python/C++ | Advanced theory of probability and discrete math
- 2015–Present **Bachelor of computer sciences**, *Moscow Institute of Physics and Technologies*,
GPA – 8.7/10 or 4.9/5.
Applied physics and mathematics;
Department of Radio Engineering and Cybernetics;
Computer vision laboratory, IITP.

Work Experience

- January 2018 – Present **CEO & Founder**,
POCKET LAWYER, <http://pocketlawyer.ru>.
- July – September 2019 **Internship in the Computer Vision laboratory**,
EUROPEAN MOLECULAR BIOLOGY LABORATORY, Heidelberg, Germany.
• Pipeline for centrioles detection on the EM images;
• Generation of fully-artificial data;
• More information on the GitHub: <https://github.com/ottogin/centrioles>
- July 2017 – Present **Intern-researcher in the Computer Vision laboratory**,
INSTITUTE OF INFORMATION TRANSMISSION PROBLEMS, Moscow, Russia.
• Traffic sign recognition system for self-driving bus;
• Research in color segmentation;
• Visual localization of self-driving car;
• International conferences.
- 2011–2012 **Data scientist, python developer**,
MACHINE LEARNING STARTUP, Moscow, Russia.
• Development of price tags recognition system;
• Took part in development of humans recognition system.

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📄 <https://github.com/ottogin>

Publications

- 2018 (publishing) Oleg S. Shipitko, Maxim P. Abramov, Artem S. Lukoyanov, Ekaterina I. Panfilova, Irina A. Kunina, Anton S. Grigoryev *Edge detection based mobile robot indoor localization* – ICMV 2018
- 2017 A. Lukoyanov, D. Nikolaev, and I. Konovalenko *Modification of YAPE keypoint detection algorithm for wide local contrast range images* – presented at ICMV 2017

Trainings

- 2016-2017 **Course "Data mining in action"**,
Linear models, trees, neural networks
Reinforcement learning
Practical applications for data analysis,
Grade – 10 / 10.
- 2015-2016 **Intel research laboratory (iLab)**,
C programming language: (Simple virtual CPU, introduction in compilers)
C++ programming language: (Binary translation, OOP model).

Awards

- 2017 **Winner of project competition in MIPT**,
Project: cheap 3D printer with the function of laser engraving.
- 2017 **Winner of mABBYlity hackathon**,
Suggested and implemented idea of clever document analysis.
- 2017 **Winner of Kaspersky hackathon**,
Developed the model predicting hacker attacks on manufactures.
- 2015 **Government prize for winning Moscow state Olympiad on mathematics.**
- 2015 **Gold medal for excellent studying at lyceum.**

Skills

Professional	PYTHON, PYTORCH, INFERNO, OPENCV
Advanced	C/C++, GIT, SVN, TENSORFLOW, TENSORBOARD
Intermediate	MULTITHREADING, UNIX, L ^A T _E X
Basic	JAVA, R, SWIFT

Languages

English	Advanced
Russian	Mothertongue

TOEFL-IBT: 87

Interests

- Robotics
- Volleyball