

Ivan Maksimov

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EDUCATION

- PhD, Joint Institute for Nuclear Research, Dubna, Russia 2016
- Master's equivalent degree, MIREA, Moscow, Russia 2004 – 2010
(physicist; GPA: 4.7 out of 5)

SKILLS

- Machine learning studying since January 2020
 - regression and classification: OLS, linear and logistic regressions, gradient descent (batch, stochastic), decision tree, random forest
 - clustering: k-means, expectation maximization, hierarchical, DBSCAN
 - adaptive and gradient boosting
 - stacking
- Programming:
 - Python (numpy, pandas, matplotlib, scikit-learn) since January 2020
 - SQL (MySQL) 3 week course in 2020
 - C & Assembler (embedded programming) 2010 – 2018
- Basic knowledge of Git, Bash, Docker, AWS 2020
- Mathematics: calculus, statistics, probability theory, numerical analysis, digital signal processing
- English: upper intermediate

EXPERIENCE

- ML educational projects within SkillFactory online school: since January 2020
 - car price prediction (data parsing, ML algorithms with stacking)
 - credit scoring problem (EDA, logistic regression, hyperparameters tuning)
(won first place in a group of 15 people at the closed educational Kaggle competition)
 - restaurant rating prediction (EDA, random forest regressor)
(first place at the educational competition)
- Digital signal processing for electronic digitizers 2019
- Data processing and analysis of scientific physical experiments 2010 – 2018
([my publications on ResearchGate](#))

CERTIFICATION

SkillFactory:	Data Science	in process
Coursera:	Machine Learning	2020
365 DataScience:	SQL	2020

P.S. Studying of neural networks and computer vision is planned according to the schedule of SkillFactory course from November 2020 to January 2021.