

Ivan Maksimov

Data Scientist
34 years old



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EXPERIENCE

- SkillFactory online school 2020 – 2021
 - ML educational projects:
 - car price prediction based on tabular data, text description and photos (data parsing, classical ML with stacking, multi input NN: tabular+NLP+CV)
 - image classification (DL, transfer learning, data augmentation)
 - recommender system (collaborative filtering, embeddings)
 - credit scoring problem (EDA, logistic regression, hyperparameters tuning) (first place in a group of 15 people at the educational Kaggle competition)
 - restaurant rating prediction (EDA, random forest regressor) (first place at the educational competition)
 - Dukhov Automatics Research Institute, Research Engineer 2019 – 2021
 - digital signal processing for electronic digitizers
 - Joint Institute for Nuclear Research, Leading Engineer 2010 – 2018
 - conducting physical experiments
 - collecting, processing and analyzing of data
 - writing research articles ([my publications on ResearchGate](#))
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SKILLS

- Machine learning:
 - regression and classification: OLS, linear and logistic regressions, gradient descent (batch, stochastic), decision tree, random forest
 - clustering: k-means, expectation maximization, hierarchical, DBSCAN
 - recommender system: collaborative filtering, association rules
 - adaptive and gradient boosting
 - stacking
 - DL: Keras
 - Programming:
 - Python (numpy, pandas, matplotlib, scikit-learn)
 - SQL (MySQL)
 - C & Assembler (embedded programming)
 - Basic knowledge of C++, Git, Bash, Docker, Flask, AWS
 - Mathematics: calculus, statistics, probability theory, numerical analysis, digital signal processing
 - English: upper intermediate
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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)
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CERTIFICATION

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