

# Ivan Maksimov

Data Scientist  
33 years old

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## EXPERIENCE

- SkillFactory online school since January 2020  
ML educational projects:
  - recommender system (collaborative filtering, embeddings)
  - 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 educational Kaggle competition)
  - restaurant rating prediction (EDA, random forest regressor)  
(first place at the educational competition)
- Dukhov Automatics Research Institute, Research Engineer 2019 – 2020
  - 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
- 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

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