

# Ivan Maksimov

Data Scientist  
34 years old

+7-985-438-64-48  
[ivan.kudashkin@gmail.com](mailto:ivan.kudashkin@gmail.com)  
[linkedin.com/in/ivan-maksimov-](https://www.linkedin.com/in/ivan-maksimov-)  
[github.com/ivan-kud](https://github.com/ivan-kud)

---

## 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](#))

---

## 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

---

## 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)

---

## CERTIFICATION

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