

# Konstantin Dorichev

## Data Scientist

*focused on Deep Learning and Computer Vision*

Saint Petersburg, Russia

+7 911 942-4560

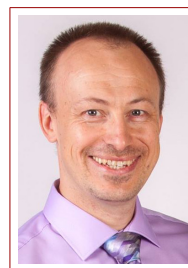
kdorichev@gmail.com

medium.com/@kdorichev

konstantindorichev

kdorichev

kdorichev



## Deep Learning & Data Science Specialization

- 2019–present **Deep Learning Specialization**, *Neural Networks and Deep Learning; Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization; Structuring Machine Learning Projects; Convolutional Neural Networks; Sequence Models*, DeepLearning.ai, Certificates, Coursera.
- 2019–present **Introduction to Computer Vision**, Georgia Tech University, Udacity.
- 2018 **Applied Data Science with Python**, *Introduction to Data Science; Applied Plotting, Charting & Data Representation; Applied Machine Learning; Applied Text Mining; Applied Social Network Analysis*, University of Michigan, Certificate, Coursera.

## Experience

- 2019–present **Contributing to the Open Source Deep Neural Network library**, Fast.ai.
- 2019 **Computer Vision**.
- Edge Detection on static images and video stream with OpenCV and Matlab
  - Image classification web app, hosted on AWS
- Other Experience**
- 2011–2017 **Experienced Solutions Architect**, Ericsson, Moscow and Saint Petersburg.
- 2004–2011 **Pre-sales, Integration and Technical Support Engineer**, Alcatel-Lucent, Moscow.
- 2001–2004 **Systems Administrator**, EPIC Advisors (Russia) Ltd., Moscow.
- 1996–2001 **Software developer**, Ministry of Defence, Moscow.
- Achievements:
- An application developed for real time data processing, analysis and reporting in a multi-node network environment, C/C++.

## Education

- 1991–1996 **Math & Computer Science**, Space Military Academy, MS, with golden medal, Saint-Petersburg.
- 1987–1991 **Telecom Engineering**, Telecommunications school, BE, with honors, Smolensk.

### Extra

- 2016 **Python Data Structures | Using Databases with Python | Using Python to Access Web Data**, University of Michigan, Coursera.
- 2016 **Introduction to Programming with MATLAB**, Vanderbilt University, Coursera.
- 2011 **Mastering Requirements**, Alcatel-Lucent University, Training.
- 2001 **Information Security**, British Council, Diploma, Saint Petersburg.

## Computer skills

Languages: Python, SQL, Regexp, C/C++

Tools: PyTorch, Pandas, NumPy, Scikit-Learn

Typesetting: L<sup>A</sup>T<sub>E</sub>X, Scribus

Visualization: Matplotlib, Seaborn

DevOps: Git, PyTest, AWS, GCP

Graphics: GIMP, Inkscape

## Skills

Analysis Advanced  
Presentation Advanced  
Communication Advanced  
English Fluent  
Teaching Advanced

*Ability to gather, process & visualize data*

*Ability to convey the message in a clear and concise way*

*Ability to listen, ask questions*

*I catch myself thinking in English, reading more books in English than in Russian*

*Ability to independently learn new things & pass on gained competence*