

Konstantin Dorichev

Data Scientist

focused on Deep Learning and Computer Vision

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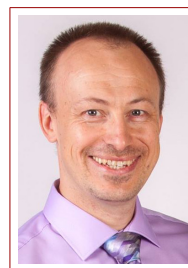
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Deep Learning & Data Science Specialization

- 2019 **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.
- 2018 **Applied Data Science with Python Specialization**, *Introduction to Data Science; Applied Plotting, Charting & Data Representation; Applied Machine Learning; Applied Text Mining; Applied Social Network Analysis*, University of Michigan, Certificates, 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++

Visualization: Matplotlib, Seaborn

Tools: TensorFlow, PyTorch, Pandas, NumPy, Scikit-Learn

DevOps: Linux, Git, PyTest, AWS, GCP

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