Konstantin Dorichev

Data Scientist
with pre- and post-sales experience in telecom and IT

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Domain 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
- Neural network based image classification web app, hosted on AWS

Deep Learning & Data Science Specialization

2019	**Neural Networks and Deep Learning Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization**, *DeepLearning.ai*, Certificates, Coursera.
2018	**Introduction to Data Science in Python	Applied Plotting, Charting & Data Representation in Python	Applied Machine Learning in Python	Applied Text Mining in Python	Applied Social Network Analysis in Python**, *University of Michigan*, Certificates, Coursera.
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.

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

2001	**Information Security**, *British Council*, Saint Petersburg, Diploma.
1991–1996	**Math & Computer Science**, *Space Military Academy*, MS, with golden medal, Saint-Petersburg.
1987–1991	**Telecom Engineering**, *Telecommunications school*, BE, with honors, Smolensk.

Computer skills

Languages:	Python, SQL, Regexp, C/C++	Visualization:	Matplotlib, Seaborn
Tools:	PyTorch, Pandas, NumPy, Scikit-Learn	DevOps:	Git, PyTest, AWS, GCP

Skills

Analysis	Advanced	*Ability to gather, process & visualize data*
Presentation	Advanced	*Ability to convey the message in a clear and concise way*
English	Fluent	*I catch myself thinking in English, reading more books in English than in Russian*
Teaching	Advanced	*Ability to independently learn new things & pass on gained competence*