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	**Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization**, *DeepLearning.ai*, Certificate.
2019	**Neural Networks and Deep Learning**, *DeepLearning.ai*, Certificate.
2019–present	**Introduction to Computer Vision**, *Georgia Tech University*, via Udacity.
2018	**Applied Social Network Analysis in Python**, *University of Michigan*, Certificate.
2018	**Applied Text Mining in Python**, *University of Michigan*, Certificate.
2018	**Applied Machine Learning in Python**, *University of Michigan*, Certificate.
2018	**Applied Plotting, Charting & Data Representation in Python**, *University of Michigan*, Certificate.
2018	**Introduction to Data Science in Python**, *University of Michigan*, Certificate.

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

2016	**Python Data Structures**, *University of Michigan*, Coursera.
2016	**Using Databases with Python**, *University of Michigan*, Coursera.
2016	**Using Python to Access Web Data**, *University of Michigan*, Coursera.
2016	**Introduction to LaTeX**, *Higher School of Economics*, Coursera.
2001	**Information Security**, *British Council*, Saint Petersburg, Diploma.
1991–1996	**MS**, *Math & Computer Science*, Space Military Academy, with golden medal, Saint-Petersburg.
1987–1991	**BE**, *Telecom Engineering*, Telecommunications school, with honors.

Computer skills

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

Skills

English	Fluent	*I catch myself thinking in English, reading more books in English than in Russian*
Communication	Advanced	*Ability to listen, ask questions*
Analysis	Advanced	*Ability to gather and process data*
Teaching	Advanced	*Ability to independently learn new things & pass on gained competence in a constructive, adapted to one's ability to learn way*
Presentation	Advanced	*Ability to convey the message in a clear and concise way*