Konstantin Dorichev

Data Science Enthusiast
with 13 years experience in Telecom and 8 years in IT

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Executive Summary

I am an actively learning Data Science enthusiast with extensive experience developing solutions, often commended for extreme teachability and strong analytical skills; attentive to details, with good people and soft skills and proper ethics.

Experience

2019–present	**Contributing to the Open Source Deep Neural Network library development**, *FastAI*.
2019	**Projects and Articles**.

- Malaria Cells Image Classification with Residual Neural Network;
- Edge Detection on static images and video stream with OpenCV and Matlab;
- Image classification web app, hosted on AWS;
- BigQuery and Public Datasets. Overview for Data Analysts.

Other Experience

2011–2017	**Experienced Solutions Architect**, *Packet Core and GPON*, Ericsson, Moscow and Saint Petersburg.

Responsibilities:

- BUSINESS DEVELOPMENT: Discovering new business opportunities by helping Mobile and Fixed Networks Operators discern their needs and achieve their business goals with products and services we offered — 4G Radio, Evolved Packet Core;
- SOLUTIONS DEVELOPMENT: Bids/offers preparation, clarification of requirements of the customers, processing and structuring input data to ensure the solution fits the expectations;
- PROJECT MANAGEMENT Organizing, coordinating and leading the team of various specialists.
- MARKETING SUPPORT AND CONSULTANCY: Developing datasheets, white-papers and technical presentations.

Achievements:

- Signed a $3M multi-year contract with Mobicom — a leading Mobile Network Operator in Mongolia covering network development, HW & SW upgrade and support;
- Performed successful technical tests and trials for Megafon, MGTS.

2004–2011	**Pre-sales, Integration and Technical Support Engineer**, Alcatel-Lucent, Moscow.

Education

1991–1996	**Math & Computer Science**, *Space Military Academy*, MS, with golden medal, Saint-Petersburg.

Deep Learning & Data Science Specialization

2019–present	**Practical Deep Learning for Coders**, *fast.ai*.
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.

Computer skills

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

Skills

Analysis	Advanced	*Ability to gather, process & visualize data*
Presentation	Advanced	*Ability to present the message in a clear and concise way*
Communication	Advanced	*Ability to listen, ask questions, inspire vision and motivate the team with words and own example*
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*