

Konstantin Dorichev

Data Science Enthusiast

with 13 years experience in Telecom and 9 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

2020–present **Cyrillica.Lab AI Engineer and Team Lead, Cyrillica LLC.**

- Created tools for Text-to-Speech (TTS) dataset preparation and validation, using speech recognition.
- Managed the team to prepare a high quality 57 hours TTS dataset.
- Developed a new product VoxQube — a natural sounding voice-over service based on neuro voices; managed and participated in it's development, performed deployment and support.
- Created VoxQube pricing, led projects' implementation and performed accounting.

2019–2020 **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 in 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, Lua, SQL, Regexp

Visualization: Matplotlib, Seaborn

Tools: PyTorch, Fastai, 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 present the message in a clear and concise way
Ability to listen, ask questions, inspire vision and motivate the team with words and own example
I catch myself thinking in English, reading more books in English than in Russian
Ability to independently learn new things & pass on gained competence