

Konstantin Dorichev

Big Data Engineer / Developer / Analyst

with 13 years experience in IT and 13 years in Telecom

Saint Petersburg, Russia

+7 911 942-4560

✉ kdorichev@gmail.com

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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 in IT

2020–2025 **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.

2001–2004 **Systems Administrator, EPIC Advisors (Russia) Ltd., Moscow**

Achievements:

- Modernized office IT-infrastructure based on Linux and MS Windows servers & hosts, installed PABX.
- Relocated office and rebuilt IT-infrastructure in new premises without services interruption.

1996–2001 **Software developer, Ministry of Defence, Moscow**

Achievements:

- Developed an application which improved quality of data gathered in real time, analysis and reporting in a multi-node network environment, C/C++. Still in production.

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

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**

Big Data Analysis

2025 **ClickHouse Developer Course, ClickHouse Academy, ClickHouse Inc.**

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

Tools: ClickHouse, Pandas

Visualization: Matplotlib, Seaborn

DevOps: Linux, Git, PyTest, AWS, GCP

Soft 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