

# 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

## 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  $\text{\LaTeX}$ , 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++

Tools PyTorch, Pandas, NumPy, Scikit-Learn

Visualization Matplotlib, Seaborn

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*