

# Konstantin Dorichev

## Data Scientist

with pre- and post-sales experience in telecom and IT

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## Domain Experience

### 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 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.

Responsibilities:

- Business and solutions development
- Project management
- Marketing support and consultancy

### 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++

Visualization Matplotlib, Seaborn

Tools PyTorch, Pandas, NumPy, Scikit-Learn

DevOps Git, AWS, Google Cloud Platform

## 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*