

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–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 L^AT_EX**, 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

DevOps Git, AWS, Google Cloud Platform

Visualization Matplotlib, Seaborn

Graphics GIMP, Inkscape

Typesetting L^AT_EX, Scribus

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