

# 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<sup>A</sup>T<sub>E</sub>X**, 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++

Data Pandas, NumPy, Scikit-Learn

Graphics GIMP, Inkscape

DevOps Git, AWS, Google Cloud Platform

Visualization Matplotlib, Seaborn

Typesetting L<sup>A</sup>T<sub>E</sub>X, 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*