

VALYUKOV ALEXANDR

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EDUCATION

Moscow Institute of Physics and Technology Bachelor Phystech School of Radio Engineering and Computer Technology	<i>2015-2019</i>
Moscow Institute of Physics and Technology Master Phystech School of Applied Mathematics and Informatics	<i>2019 - Present</i>

EDUCATIONAL COURSES AND MOOC

Data Mining in Action, Sport track Applied Data Science Center, Moscow	<i>2017</i>
Machine Learning and Data Analysis Yandex & MIPT, Coursera	<i>2017 - 2018</i>
Data Mining in Action, Deep Learning track Applied Data Science Center, Moscow	<i>2018</i>
Deep Learning in Natural Language Processing iPavlov, Moscow	<i>2019</i>

TECHNICAL STRENGTHS

Software Languages & Tools	Python, SQL, Git, Unix, Bash, C/C++
Data Analysis	Scikit-learn, PyTorch, Keras, OpenCV

WORK EXPERIENCE

Tinkoff Bank <i>Junior Data Scientist</i>	August 2018 - November 2018
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- Processed poor quality text data
- Developed a text data classification system using recurrent neural networks

ABBY <i>Junior Data Scientist</i>	August 2019 - June 2020
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- Propose a new approach to extract important fields from documents like invoices, receipts, identity cards, etc. using standard computer vision methods
- Implemented convolutional neural network to determine the level of text blur

PUBLICATION

1. Summary Construction Strategies for Headline Generation in the Russian Language, Valentin Malykh, Daniil Cherniavskii, Alexandr Valyukov. Dialog Conference, Moscow, Russia, 2020.

2. Document Data Extraction System Based on Visual Words Codebook, Vasily Loginov, Aleksandr Valyukov, Stanislav Semenov, Ivan Zagaynov. Document Analysis Systems (DAS), Wuhan, China, 2020.

ACHIEVEMENTS

School

3rd place, All-Ukrainian Physics Olympiad, final stage, Grade 8

3rd place, All-Ukrainian Physics Olympiad, final stage, Grade 9

1st place, All-Russian Programming Olympiad, municipal stage, Grade 11

University

Hackathon by Global Ghangers and MIPT, 2nd place, Data Science track, 2018

International Data Analysis Olympiad 2019, top1 on 1st stage, top10 on final