

ALEKSANDRA DEIS

DATA SCIENTIST

CONTACT

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EDUCATION

MASTERS DEGREE IN COMPUTER SCIENCE

Moscow State University
2011

DATA SCIENTIST NANODEGREE

Udacity, 2019

PROJECTS

[EchoAI](#) (2019)

Python package containing custom
and SOTA mathematical backend
algorithms for Deep Learning

SKILLS

- Data Analysis
- Machine Learning
- Deep Learning
- Python
- Data Engineering
- PySpark
- PyTest
- Git
- Sphinx Documentation Writing
- Business Analysis
- SQL

PROFILE

I am a business analyst turned data scientist who is passionate about solving business problems by data-driven approaches.

EXPERIENCE

DATA SCIENTIST

Data Monsters | Palo Alto/Moscow | 2017 - 2019

- Developed PoC based on machine learning to predict the court decision. In the scope of the project performed the **analysis of the factors which affect the court decision, feature engineering, data analysis, and data engineering**. The results of the project included the **machine learning model** and demo web-application.
- Predicted the implant size for the aortic valve by CT scan and performed the analysis of CT scans and machine learning pipeline. Results of the project included working **machine learning pipeline** and a roadmap for further development and productization.

BUSINESS DATA STEWARD

Sberbank | Moscow | 2018 - 2019

- Performed the **analysis of financial data** for building a data pipeline for real-time IFRS/MIS reporting. Analyzed over **700 attributes** across various banking domains and designed the **data processing pipeline**.

CONSULTANT IN FINANCIAL SERVICES

Accenture | Moscow | 2015 - 2018

- Performed **data analysis of client data** and prepared recommendations for online sales channels optimization, and made a business case for digital channels audit project in a TOP-5 Russian insurance company.

ANALYST IN FINANCIAL SERVICES

Accenture | Moscow | 2013 - 2015

- Performed **analysis of data quality** in Policy Administration system in TOP-10 Russian insurance company: prepared data profiles and profiling rules, analyzed data profiling results.

CONSULTING SERVICES INTERN

Microsoft (Manpower) | Moscow | 2011 - 2013

- Developed application components for **highly loaded** Federal Tax Service document **workflow automation system** (60k simultaneous users).

ENGINEER RESEARCHER

NRC Kurchatov Institute | Moscow | 2011

Worked on MCU (Monte Carlo Universal) project on development and practical use of software for **simulation using the Monte Carlo method**.