

# Valentina Kononova

## Data Scientist

Master of Science with 2 years of international experience in natural language processing. Designed and deployed a variety of models using advanced AI/ML algorithms. Looking for a team to continue professional growth and add more value

### EXPERIENCE

#### ROKO Labs

June, 2021 - current

- Data processing & analysis
- Building reports using Power BI
- Data clustering using ML Algorithms

#### Reputation Earth, Kazan – *Data Scientist*

June 2019 - June 2021

- Built and optimized binary and multi-label models for sentiment and topic classification with accuracy up to 91%
- Conducted researches on natural language processing tasks: text segmentation, named entities recognition, phrases extraction, clustering and classification
- Scraped, parsed and prepared (text segmentation, cleaning and labelling) data for training machine learning models
- Deployed production models to generate responses based on sentiment and semantic of customer's reviews

#### Siemens, Kazan and Ilmenau - *Scholar*

September 2016 – August 2018

- Conducted researches on sensor data validation using ML algorithms (time series classification, clustering, visualization)
- Wrote and defended a master thesis on Sensor Data Validation under the company supervision

#### State Institute of Applied Optics, Kazan – *Engineer*

March 2016 – September 2017

- Designed documentation (circuit diagram, Bill-Of-Materials)
- Provided quality assurance of printed circuit boards and their components
- Wrote and defended bachelor thesis on PCB components placement under the company supervision

### EDUCATION

**TU Ilmenau, Ilmenau, 2016 – 2018 – *Master of Science in Research in Computer & Systems Engineering***

**Kazan National Research Technical University – KAI, Kazan, 2016 – 2018 – *Master of Science in Research in Computer & Systems Engineering***

**Kazan National Research Technical University – KAI, Kazan, 2013 – 2016 – *Bachelor in Computer Science***

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Linkedin: [valentina-kononova](https://www.linkedin.com/in/valentina-kononova)

Blog: <https://novamind.github.io/>

### SKILLS & TOOLS

Natural language processing,  
Machine Learning, Neural  
Networks, Probability & Statistics

Python, SQL, Jupyter Notebook,  
VS Code, Docker

Teamwork: Agile, Kanban, Asana,  
Slack, Git

Python packages: numpy, pandas,  
spacy, nltk, sklearn, tensorflow,  
keras

### CURRENT PROJECTS & RESEARCHES

Text segmentation into meaningful  
verb phrases

Multi-label classification research  
Model training on very imbalanced  
data

### LANGUAGES

Russian	Native Speaker
English	Upper-Intermediate
German	Beginner

### INTERESTS

Personal Development  
Data science blogging  
Volunteer work to protect the  
environment  
Moderate and participate in a book  
club