

# Aleksandra Konovalova

## Machine Learning Engineer

Helsinki, Finland

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<https://github.com/AleksanKo>



### **TECHNICAL EXPERIENCE**

- Languages: Python, JavaScript (Node.js), R, HTML, CSS
- Web development frameworks and libraries: Django, React, Express
- Natural Language Processing\Machine Learning Python libraries: PyTorch, scikit-learn, pandas, numpy, nltk, matplotlib
- Databases: MySQL
- Systems: Linux
- Other technologies: Git, Docker

### **WORK EXPERIENCE**

**Researcher**, University of Helsinki, 2019 – 2020

- Solved different NLP and Machine Learning tasks using Python and R (Topic Modelling, Doc2Vec, classification tasks, etc.);
- Cleaned and parsed data from PDF and XML files;
- Wrote a rule-based algorithm for event labeling (Python);
- Developed and tested a pilot pipeline for event labeling and classification.

**QA Engineer**, GET Information Technology GmbH, 2018 – 2019

- Wrote test cases for regression testing and bug reports;
- Performed manual web and mobile application testing;
- Performed automated web application testing (Python and Selenium);
- Helped to develop internal test management system using Django and Javascript.

**Linguist Developer**, PROMT Ltd, 2016 – 2018

- Wrote linguistic algorithms for parsing in pseudocode;
- Parsed and cleaned texts for testing corpora using Python;
- Worked with dictionaries: created new entries, checked existing ones.

### **OTHER ACTIVITIES**

**Digital Humanities Hackathon**, Helsinki Centre for Digital Humanities (HELDIG), Helsinki, 2019

Participated in an interdisciplinary research project:

- parsed texts using Python;

- wrote scripts in R for statistic analysis.

### **ADDITIONAL EDUCATION**

Deep Learning by deeplearning.ai on Coursera:

<https://coursera.org/share/5c200a29e76457cc34b3590cf89c39ab>

### **EDUCATION**

- Master's Degree in Computational Linguistics, Saint Petersburg State University, June 2016
- Bachelor's Degree in Finno-Ugric Studies, Saint Petersburg State University, June 2014
- Exchange studies, University of Helsinki, Spring 2013

### **LANGUAGES**

English - C1

Finnish - C1

Russian – C2

French – B1

Swedish – B1