

Mekhti Musaev

Data
(Scientist/Engineer)
And ML Specialist

Contact

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LinkedIn

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Skills

Python



PyTorch



TensorFlow



Git



IPython



REST API



Linux



Over 5 years of experience in (research) software/data engineering and machine learning projects. Proficiency on different machine learning projects since 2017 including NLP, Bayesian Data Analysis, Neural Networks. Team Lead experience in various consultancy projects.

- **Open source projects:** There are many of open source projects from different organizations (including Google and Aalto University) with contribution for more than 4 years

- **Tech stack:** AWS services, GCP, Python, Tensorflow, PyTorch, Scala, Apache Spark, Apache Hadoop, Linux, bash, Git, jupyter notebook, pandas, numpy, Apache Zeppelin, Jira, Confluence, scikit-learn, matplotlib, API, REST API, Flask, Django, pytest, Jenkins, redmine, OpenStack, Go, Jenkins, bash, MySQL, PostgreSQL

Work History

2021-01 -
Current

AI Engineer

Silo AI Oy, Helsinki, Finland

- Building ML pipelines (MLOps) on AWS using Python, Kubeflow, Kubernetes and Docker.
- Implementing APIs for internal projects using Python and Django.

2020-09 -
2021-04

Teaching Assistant

Aalto University, Espoo, Uusimaa

Responsibilities: helping students with assignments, explaining lectures with more details, giving more information about python, numpy, scipy, pandas, scikit-learn and PyTorch.

Teacher in Charge: Alex Jung, Assistant Professor of Computer Science.

2019-05 -
2021-01

Machine Learning Consultant

CGI Suomi Oy, Helsinki, Finland

- Technology stack: AWS EMR, AWS Lambda, AWS EC2, AWS Step Functions, AWS CodeBuild, AWS CodeCommit, Amazon Sagemaker, AWS SQS, AWS SNS, AWS Athena, AWS Glue, Apache Spark, Apache Kafka,

Excellent

Software improvements

Excellent

Written Communication

Excellent

Teamwork

Excellent

Machine learning

Excellent

Languages

Russian

Excellent

English

Very Good

German

Good

Apache Zeppelin, Python (pyspark), Scala, Helium, Jenkins

- Prototyped machine learning applications and quickly determined application viability.
- Designed, implemented and evaluated new models and rapid software prototypes to solve problems in machine learning and systems engineering.
- Created customized applications to make critical predictions, automate reasoning and decisions, and calculate optimization algorithms.

2018-03 -

2018-12

Machine Learning Research Assistant

Aalto University, Espoo, Finland

Probabilistic Machine Learning Group, Aalto University

Worked on ELFI (Engine for Likelihood-Free Inference)

project: <https://github.com/elfi-dev/elfi>

Research group home page:

<https://research.cs.aalto.fi/pml/>

Supervisor: Samuel Kaski, Professor, PI.

Technologies: jupyter notebook, scikit-learn, numpy, matplotlib, GPy, ipywidgets, IPython, pytorch

2018-09 -

2018-10

Teaching Assistant, Machine Learning

Aalto University, Espoo, Finland

Responsibilities: helping students with assignments, explaining lectures with more details, giving more information about python, numpy, scipy, pandas, scikit-learn and PyTorch.

2016-10 -

2017-09

Software Backend Engineer

Selectel Ltd, selectel.com, Saint Petersburg, Russia

- Implemented new APIs and fixed old backend applications in Go and Python.
- Finished projects: Rewriting traffic counter from Python (API) to Go (API).

2015-12 -

2016-07

Research Software Engineer

Digital Security Ltd., <https://dsec.ru>, Saint Petersburg, Russia

2012-03 -

2012-05

C# .NET Developer (Internship)

Evrograndsoft LLC, <http://cofite.com>, Saint Petersburg, Russia

Education

2017-09 -
2019-02

Master of Science: Data Science

ITMO University - Saint Petersburg, Russia

2018-01 -
2018-12

Master of Science: Machine Learning And Data Science

Aalto University - Espoo, Finland

- Received FIRST+ PROGRAMME (Finnish–Russian Student and Teacher Exchange Programme) SCHOLARSHIP as an exceptional Master's student

2009-09 -
2015-06

Bachelor of Science: Mathematics And Computer Science

Saint Petersburg State University - Saint Petersburg, Russia

2008-09 -
2009-06

High School Diploma

Saint Petersburg Presidential Lyceum #239 - Saint Petersburg, Russia