Lena Volzhina

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SUMMARY

I am a senior data scientist with solid mathematical background and 6+ years of experience.
Also, I am a regular speaker [link] and a member of women tech communities.

EDUCATION

SAINT PETERSBURG STATE UNIVERSITY

2012 – 2018

Master's degree with honors
in Computer Science & Engineering

COMPUTER SCIENCE CENTER

2014 – 2017

Full list of modules is [here], including:
Algorithms and Data Structures
Mathematical Statistics
Big Data
Parallel Programming
C++
Java
Python

SKILLS

TECHNOLOGIES

Python (advanced, Django)
C++ (basic)
Machine learning
Data visualization
SQL
Jupyter
Git
Scrum
Docker

CORE SKILLS

Attention to detail
Communication
Documentation
Mentoring
Presentation skills

LANGUAGES

English C1
Russian Native
German B1

EXPERIENCE

YANDEX.MAPS

SENIOR DATA SCIENTIST

2017 – current time

- My task at Yandex.Maps is to personalize search results for map-related queries using the user data.
- Currently, I run a series of experiments from scratch: collect and check training and verification pools, set up the pipelines, check a variety of hypoteses, run offline and online experiments. For that project I collaborate with several teams.
- Most of the infrastructure is written in C++, so I got some production experience, both with development and with complex systems debugging.

YANDEX.WEATHER

DATA SCIENTIST

2017 – 2021

- At Yandex.Weather, I was using machine learning methods to make weather forecasts.
- There were large datasets from forecast providers for analysis and processing, so I needed to use various big data technics such as MapReduce paradigm. The purpose of my work was to improve the quality of daily weather forecasts.
- Mentorship: I have been providing guidance and feedback for two mentees.
- I also supported and developed Python code that regularly calculates weather forecasts around the world.

EDUCATIONAL PLATFORM STEPIK

PYTHON DEVELOPER / DATA ANALYST

2015 – 2017

- At Stepik, I was involved in various data analysis tasks, mostly related to content recommendations.
- I designed and implemented a rule-based recommender system for educational content. Later I worked on an adaptive recommender system, that uses knowledge graph and psychometric models for the most efficient learning.
- Also, during my time at Stepik, I completed many separate backend tasks using the Django framework, including but not limited to the implementation of data analysis algorithms described above.