LENA VOLZHINA

Saint Petersburg, Russia

(921) 77 22 515 ⋄ LenaVolzhina@ya.ru

EDUCATION

Saint Petersburg State University   *2016 — 2018*
Department of Analytical Information Systems
Master's degree with distinction in Computer Science & Engineering

Computer Science Center   *2014 — 2017*
Contemporary issues in Computer Science, as well as tools for software engineering
Modules included (full list here: [ru]):
· Algorithms and Data Structures   · Big Data   · Mathematical Statistics
· Parallel Programming   · C++   · Java   · Python

Saint Petersburg State University   *2012 — 2016*
Department of Analytical Information Systems
Bachelor's degree in Computer Science & Engineering

EXPERIENCE

Stepik   June 2015 - September 2017
Python Developer
· At Stepik I was involved in different data analysis tasks, mostly related to *content recommendations*.
During the first months of work I designed and implemented a simple *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.

Yandex.Weather   September 2017 - present time
Python Developer
· At Yandex.Weather I'm using *machine learning* methods to make weather forecasts. There are large
datasets from forecast providers for analysis and processing, so I need to use various *big data* technics
such as MapReduce paradigm. The purpose of my work is to improve the quality of daily weather
forecast, calculated by technology named Meteum. I also support and develop code that regularly
calculates weather forecasts around the world.

TECHNICAL STRENGTHS

Computer Languages	Python (advanced, Django), C++ (medium), Java (beginner)
Tools	Git, SQL, MapReduce

LANGUAGES

English	Upper Intermediate
Russian	Native Speaker