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Anastasiia-Mariia Kovalyshyn

Junior Big Data Engineer

About me

I love minimalism and simplicity in everything, first of all in the code. A little bit stubborn, but it gives me inspiration to make my ideas and projects real. I am an enthusiastic, self-motivated, responsible and hard working person, well organized and always plan ahead to make sure I manage my time well. A girl with huge ambitions and a desire to make world around me more comfortable:)

Education

2015–2019 **Bachelor Degree in Computer Science**, *Lviv Politechnic National University*, Lviv, .
Specialized in automated control systems.

2019–2020 **Master Degree in Computer Science**, *Lviv Politechnic National University*, Lviv, .
Specialized in automated control systems.

Publications

2019 *Spatial orientation based on sensor network bi-planar triangulation, NULP*

2018 *Erasmus Programme exchange automated categoirzation and evaluation, NULP*

Skillset

Programming languages / Technologies

- Python
- Scala
- Bash

Libraries and Frameworks

- Boto3
- Apache Spark
- Apache Akka
- Django

ETL Toolkit

- Apache Airflow
- Apache Nifi
- Apache Kafka
- HDFS
- Hive
- Presto

Cloud Computing

- AWS S3
- AWS Kinesis
- GCP Cloud Storage
- GCP PubSub

RDBMS

- SqlLite
- PostgreSql

Development tools

- IntelliJ IDEA
- Pycharm Community
- Git
- Docker
- Kubernetes
- google.com :)

Operating systems

- Ubuntu 18.04
- Fedora 28
- Windows 10

Methodologies

- SCRUM
- Kanban

Languages

Ukrainian	Native
Russian	Second native
English	Intermediate

Interests

- Chess
- Space
- Traveling
- Cinematograph
- Comics

Experience

Vocational

2019–2020 **Trainee Big Data Engineer**, *Sigma Software*, Lviv.

OpenSky processing application

Developed application using Scala programming language, SBT, Akka framework and Apache Kafka. Ingest, validate and transform input data within application.Application needs to ingest data, transform it into JSON, calculate results in batch of the data for the particular time window and write transformed data into Kafka. Calculated results should be available from REST API of the application.

2016–2018 **Freelance**, *LPNU*, Lviv.

Was trying to find myself in different branches. Had my own projects, though all of them were somewhat connected to LNPU.

Miscellaneous

2015–2018 **Math Tutor**, Lviv.

Had my time with kids and teenagers helping them master math and succeed with the External Evaluation and the Governmental Exams.