

Olga Illarionova

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SUMMARY

A software development engineer with a Master's Degree in Mathematics and 5+ years of various IT experience. Seeking a full-time position in the software development field.

SKILLS

Machine Learning	Business Intelligence	Tableau
Project Management	Scripting/Automation	Querying & Reporting
Database: SQL & MongoDB	Git, Linux, AWS	Python, R

EXPERIENCE

Data Science Fellow, Galvanize, Seattle, WA Sep 2018 – Dec 2018

Applied supervised and unsupervised machine learning techniques (NLP, classifiers, regressions, clustering etc.) for group case studies. Projects included a fraud detection, recommender systems, churn prediction, ranking safety of Seattle neighborhoods, profit prediction.

- Created a web application to make personalized restaurant recommendations based on user preferences
- Created machine learning model to understand user preferences based on their reviews, created a model to recommend restaurants in desired locations according to these preferences
- Technologies used: Python (PySpark, scikit-learn, pandas, Flask), MongoDB, REST API

Operations Assistant, Snapswap, Seattle, WA Aug 2014 – May 2015

Worked with a startup technology firm in the P2P payments space.

- Reviewed transactions and escalated unusual transactions to the Compliance officer
- Validated data integrity, and developed a set of internal tools (using Python) and queries (SQL) to automate a series of time-consuming daily routines

Business Analyst, Sibintek, Moscow, Russia May 2006 – Jul 2011

Member of a team that supported IT systems for the accounting department of an oil company.

- Improved operations efficiency that decreased 20 - 30 employee hours per month for multiple clients
- Coordinated software development, managed acceptance testing, bug fixing, and authored technical documentation
- Lead data cleaning initiatives from downstream systems and facilitated company's migration to a new audit system (about 20 databases)
- Created a data processing software for client usability that automatized data processing in the company, decreased 3000 employee hours per month
- Led a reconfiguration of accounting system according to a new tax legislation

EDUCATION & CERTIFICATIONS

Master of Science in Mathematics, Lomonosov Moscow State University June 2006

Certificate in Data Science, Galvanize, Seattle Dec 2018

Desktop Qualified Associate, Tableau Desktop Exams

Machine Learning by Stanford University, Coursera

Python, Deep Learning, R, Hadoop, Various Coursera Courses