ANIS BORČAK
DATA ENGINEER / DATA ANALYST

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I am a data engineer / data analyst with 6 years of hands-on experience in the big data industry. My job involved the complete lifecycle of data analysis which included collecting raw data from different inputs, performing a wide spectrum of calculations, and providing results or suggestions for future use. Data engineering is a core part of my experience, not only in creating analytical models and engines, but also putting them to use in production. I tend to create and analyze data flows and algorithms with the technical architecture of the pipeline in mind, which improves further solutions that can later be utilized for deeper understanding and evaluation of the data itself.

I am a well-organized and committed engineer. My previous education and experience help me to understand and solve complex problems in algorithmic design and data managing flows.

FORMAL EDUCATION

Bachelor's degree, Computer science, Sarajevo School of Science and Technology – Buckingham University - Thesis topic: Sorting with fragile elements - (2011-2015)

CURRENT RESPONSIBILITIES

- Data preprocessing
- Data analysis
- Report writing
- Research and development of POC projects
- Interviewing

PROJECTS

DATA ENGINEERING | MVP MATCH | OCTOBER 2021 - PRESENT

MVP MATCH | DATA ENGINEER / DOMAIN EXPERT

· Various data related researches

· Developing data layers for internal projects

· Interviewing candidates regarding data related projects

DATA ANALYTICS | ATLANTBH | MARCH 2020 - OCTOBER 2021

ATLANTBH | LEAD DATA ANALYST (PROJECT UNDER NDA)

· Team management (mentoring, organization, structure)

· Created organizational processes, procedures and syllabus for analytics teams

· Successfully mentored 8 mentees in various domains (data analytics, data engineering, data science)

· Full cycle of data analysis for various data types

· Communication with high profile clients

DATA ENGINEERING | SYMPHONY | JUNE 2018 - MARCH 2020

SYMPHONY | DATABASE OPTIMIZATION | 4 MONTHS (Microsoft SQL Server)

· Analysis and optimization of database engine, queries and index usage

· Drastically improved database CPU utilization and query execution times

SYMPHONY | UNDER NDA (SYSTEM FOR SPATIAL ANALYSIS) | 3 MONTHS (Python, Geoserver, PostgreSQL, PostGIS, GCP)

· Developing system architecture (Google Cloud Engine, Google Cloud SQL)

· Data pipelines for processing, analysis and visualization of large volume rasters (100GB+ GeoTIFF files)

· Data pipelines for raster-geometry overlay analysis

· Successfully created web application that provides user ability to visualize and analyze large raster files

SYMPHONY | UNDER NDA (BANK REPORTING SYSTEM) | 2 MONTHS (Airflow, Python, OracleDB, PostgreSQL)

· Developing system architecture (Microsoft Azure Platform)

· Developing data pipelines and orchestrating them using Airflow

· Created Airflow pipelines which successfully replicated the bank's previous data manipulations in order to create reports.

SYMPHONY | EAGLEVIEW POC | 2 MONTHS (Python, C++, AWS)

· Developing proof of concept for large scale processing of point cloud files

· Extract house features/measurements from point cloud files

· Designing pipeline and methodologies for point cloud preprocessing

· POC was a success. Team successfully automated the process of analyzing large point cloud files, recognizing desired features and extracting information from them.

SYMPHONY | EAGLEVIEW | 6 MONTHS (Python, Conductor, AWS)

· Providing pipeline infrastructure and orchestration of multiple ML-driven pipelines

· Developing processing workers

· Developing Conductor workflow manager for intercommunication and triggering of multiple pipelines

· Analysis and refactoring of current ML-driven pipelines

DATA ANALYTICS | ATLANTBH | OCTOBER 2015 – JUNE 2018

ATLANTBH | DATA ANALYTICS (PROJECT UNDER NDA)

· Full cycle of data analysis for various data types

· Spatial analysis as a primary niche

EMPLOYMENT RECORD

10/2021 - Present
Data Engineer
MVP Match

03/2020 - 10/2021
Lead Data Analyst
Atlantbh

06/2018 - 03/2020
Data Engineer
Symphony

10/2015 - 06/2018
Data Analyst
Atlantbh

10/2015 - 02/2017
Teaching assistant
Sarajevo School of Science and Technology

05/2015 - 08/2015
Software development internship
Authority Partners