

Alexandr Tretyak

Experience

Alexandr is a data scientist who uses scientific methods and algorithms, builds processes and models to extract knowledge and get insights.

Contact

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|---|---|----------------------------------|
| 02/18 - Now | Data Scientist | HP Inc, Spain |
| I analyse telemetry and manufacturing data to improve the processes and support the business with insights. I develop ML models for improving printers' capabilities. | | |
| 02/17 - 07/17 | Data Analyst | IRIS Advanced Engineering, Spain |
| I developed a regression model for OPENMIND project. This included a modelling of three consecutive processes and creating a data generator to simulate them. The publication with my supervisor David F. Nettleton is available on ResearchGate. | | |
| 01/13 - 09/15 | Information System Implementation Specialist | Kazakmys, Kazakhstan |
| I collected information (details: project below), analysed and systematised the results of the loading into the system. I created test sets and cases, tested bug fixes and newly developed features. I also gave user trainings. | | |
| 09/11 - 07/12 | Project Assistant | Kazakmys, Kazakhstan |
| I prepared data migration procedures for the implementation of an HR module of the ERP system. That included preprocessing of data, cleaning, cross-data verification. | | |
| 05/10 - 09/11 | Engineer | Kazakhtelecom JSC, Kazakhstan |
| I configured network devices, equipment, and programme services to provide clients and users with the broadband connection and interactive services. | | |

Technical Skills

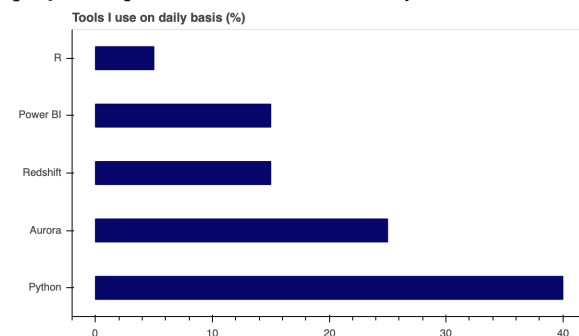
Programming: Python, Java, C++
Databases: AWS Aurora, Redshift, MS SQL, SSIS, SSAS, SSRS, Pentaho
Analysis: R Studio, Jupyter, Spark
Visualisation: Power BI, Tableau, Qlikview
Version control: Git
Focus on: Prototyping, Benchmarking, and Optimisation

Education

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|---|--|--|
| 2015 - 2017 | Master Information Technologies for Business Intelligence | Joint degree: Universitat Politècnica de Catalunya, Spain, Université François Rabelais de Tours, France, Université libre de Bruxelles, Belgium |
| Advanced Databases, Business Process Management, Knowledge Discovery and Data Mining, Data Warehousing, Service Oriented BI. | | |
| 2012 - 2014 | Bachelor of Economics | Karaganda Economical University, Kazakhstan |
| Finance, Banking, Treasury business. Financial management, Economic analyses, Statistics. | | |
| 2006 - 2010 | Bachelor of Computer Science | Karaganda State Technical University, Kazakhstan |
| Data bases, Theory of decision making, Information Theory, Technologies of programming. Models of systems and complexes, Applied theory of systems. | | |

Tools I use

I have a multitude of tools, software, and frameworks I used or I am familiar with or a specific project required. However, on a daily basis I use the following:



Personal Skills

Accurate and detail-oriented, analytical thinking and problem solving skills
Volunteer Experience:
HP Code Wars

Languages

English, Spanish, Italian, French, German