

# Alex Zhukov

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looking for a Data Analyst position

## EDUCATION

**Master of Science in Data Science** | *University of Colorado Boulder* | CO, US (remote/online) **2021 – 2023**

- Cumulative **GPA**: 4.0
- Data Science Academic Projects*

**Bachelor's Degree** | *University of Information Technologies, Mechanics, and Optics* | St. Petersburg, RU **2002 – 2008**

- Operations Management*
- Cumulative **GPA**: 4/5

**Certificates/Courses/MOOCs/Bootcamps** completed in 2020-2022

- Elevation – ItWorks Rise High-Tech** Data Analysis Bootcamp (SQL, Power BI, Excel)
- Imperial College London** – Mathematics for Machine Learning: Multivariate Calculus
- Bioinformatics Institute** – Statistics, Data Analysis, Discrete Mathematics, Python, R
- The University of Texas at Austin** – Linear Algebra – Foundations to Frontiers
- Computer Science Center** – Algorithms: Theory and Practice. Methods
- The University of Amsterdam** – Basic Statistics
- LinkedIn Learning** – AWS: Data Analytics
- Kaggle** – Python, pandas, Machine Learning
- Coursera** – Supervised Machine Learning
- edX** – Python for Data Science

## SKILLS

### Database & Programming

SQL, MongoDB, Hadoop  
Python (NumPy, Pandas, scikit-learn)  
R (ggplot2, R Markdown)  
LaTeX, MATLAB, OOP

### Software Tools, IDE

MS Excel, Google Sheets, Power BI, Qlik View  
MySQL Workbench, Azure Data Studio, AWS  
PyCharm, Spyder, VS Code, GitHub, Linux  
Jupyter Notebook/Lab, Google Colab

### Soft Skills

Flexibility and Agility, Problem Solving  
Attentive to the details, Critical Thinking  
Collaboration and Multitasking  
Strong Analytical Skills

**Languages:** English – full professional proficiency (IELTS 7.0), Russian – native, French – intermediate, Hebrew – beginner

## PROJECTS (clickable)

### Data Analysis

[LinkedIn Job Postings](#) – AWS, Power BI  
[WHO's Life Expectancy](#) – EDA  
[Related Products](#) – Product Analytics  
[Shooting Cases](#) Statistical Analysis  
[Tennis Points](#) Distribution Analysis

### Data Science/Machine Learning

[Customer Segmentation](#) – Clustering  
[Taxi Price Prediction](#) – Regression  
[Fake News Detection](#) – Classification  
[MOOC Prediction](#) – Logistic Regression  
[House Prices](#) – Linear Regression

### Data Visualizations

[Population Density Map](#) – R, rayshader  
[COVID-19 Vaccination Tracker](#) – Tableau  
[BTC/BUSD Chart](#) – Technical indicators  
[Choropleth Map](#) – Plotly Map  
[Data on Map](#) – Visualization w/ Folium  
[Radar Plot](#) – Interactive Plotly chart

### Data Mining

[LinkedIn Parsing](#)  
[Dynamix Website Scrapping](#)  
[Dynamic website on-the-fly](#)  
[Parsing weather from Google](#)  
[Parsing websites with post auth](#)

[Python Tutorials](#), [Algorithms Tutorials](#), [Statistics with python](#) – repos with my notes from the various lessons and courses created for easy recall of the basics

## EXPERIENCE

**Data Analyst** | *Upwork, Fiverr* | Freelance **2022 – present**

- With sophisticated marketing data analysis, I developed BI reports and dashboards for the customer
- Using the Power BI dashboards, showed the real picture of current production level and offered ideas for improvement
- Completed more than 15 (product/social, marketing) data analysis projects with different levels of complexity
- Data mining, data parsing, data retrieving and cleaning using complex SQL queries and python

**Data Analyst / Technical Customer Service Manager** | *Pankaboard OY* | St-Petersburg, RU **2015 – 2022**

- Made data-driven decisions based on the customers inquiries retrieved with SQL queries
- Analyzed data from the customer claims concerning material quality using Python and R and created Power BI and Excel dashboards
- Analyzed production report data (got by SQL queries) to find out patterns and outliers with statistical tools (R)
- Created reports in QlikView and Excel charts based on data from production to present it to the management team

**Packaging Development Engineer** | *Philip Morris International* | St-Petersburg, RU **2010 – 2015**

- Implemented Marketing ideas over technical solutions and commercialization in packaging development
- Developed packaging materials for cigarettes, conducted tests, provided with technical solutions and support
- Led the innovation and cost reduction projects that helped to reduce expenses in purchased materials by 20%

## INTERESTS

Leetcode, kaggle, chess, tennis, cooking