

Alex Zhukov

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open to relocate

EDUCATION

University of Colorado Boulder | Boulder, CO | *Master of Science in Data Science* **11.2021 - present**

- Cumulative **GPA**: 4.0
- Academic Projects
- Relevant Coursework: Algorithms, Dynamic Programming, Trees and Graphs, Statistics

University of Information Technologies, Mechanics, and Optics | *Bachelor's Degree* **09.2002 – 06.2008**

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

Additional Courses/MOOCs completed in 2020-2022

- **The University of Texas at Austin** – Linear Algebra – Foundations to Frontiers
- **Imperial College London** – Mathematics for Machine Learning: Multivariate Calculus
- **University of Amsterdam** – Basic Statistics
- **Computer Science Center** – Algorithms: Theory and Practice. Methods
- **Bioinformatics Institute** – Basics of Statistics, Data Analysis in R, Discrete Mathematics, Python Programming

SKILLS

Database & Programming

Python (Numpy, Pandas, Matplotlib, Seaborn), **R** (ggplot, R Markdown), MySQL, PostgreSQL, MongoDB, Hadoop, LaTeX, MATLAB, OOP

Software Tools, IDE

Jupyter, GitHub
MS Excel, Power BI
Google Sheets, Colab
PyCharm, Spyder, VS Code

Soft Skills

Flexibility and Agility, Problem Solving
Presentation and Communication
Collaboration and Team Spirit
Analytical skills, Code review

Languages: English – Upper Intermediate (IELTS 7.0), Russian – native, French - beginner

EXPERIENCE

Pankaboard OY | *Technical Customer Service Manager* | St-Petersburg, RU **05.2015 – present**

- Collaborated with 4 colleagues from Development department to conduct trials, organize trainings and support
- Analyzed data from the customer claims concerning material quality
- Created a model based on data from material parameters to improve performance and converting capabilities

Philip Morris International | *Packaging Development Engineer* | St-Petersburg, RU **04.2010 – 05.2015**

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

PROJECTS

Data Visualization Project

Created a map to show the population of aromatic capsules out of quality specs based on 5 physical parameters

Exploratory Data Analysis Project

Tracked the common factors to measure the level of a junior tennis player in Russian Tennis Tour

Course Project at Colorado Boulder

Utilized Python to code an algorithm over the graph to find the shortest way out from a maze

INTERESTS

Leetcode, kaggle, tennis, cooking