

# Alexey Zhukov

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open to relocate | Visa sponsorship required

## 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  
PyCharm, Spyder  
MS Excel, Power BI  
Google Sheets, Colab

### 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