



# DMITRY BUISEIKH

DATA  
ANALYST  
&  
MACHINE  
LEARNING  
SPECIALIST

LINKEDIN

GITHUB

## LANGUAGES

- English - Fluent
- Finnish - Intermediate
- Russian - Native
- Portuguese - Novice

## ACHIEVEMENTS

- Served as the Board Member and volunteered as the active member of ESN (Erasmus Student Network) Aalto with the main goal of the association is orientating incoming exchange students in the Finnish culture. As a board member, held the position of Local Representative and held the responsibility for creating the connections between ESN Aalto and other ESN associations across Finland.
- Volunteered as the member of the Spectators Help Team during the European Games 2019 in Minsk, Belarus.
- Volunteered at SLUSH as a member of various teams between 2016 and 2018.
- Volunteered as the member of the Protocol Team during the FIFA World Cup 2018 in Russia.

## PROFILE

Dmitry is a passionate and skilled Data Analyst with a strong academic background. He has earned a Master's degree in Automation and Electrical Engineering from Aalto University. As a result, he is eager to apply his technical expertise working with Power Systems, Energy Markets, and Environmental Engineering. However, his strong character and universal skillset enable Dmitry to make an impactful contribution across numerous industries. He is a proactive collaborator who always strives to deepen his knowledge and support others in doing so.

## RECENT PROJECTS

### Electrical Consumption in the Nordic and Baltic Countries from 2014 to 2019

Pandas, Plotly

A personal project for improving and showcasing relevant abilities. The project consists of an analysis and comparison of the electrical consumption in the Nordic and Baltic countries from 2014 to 2019 with the data obtained from NordPool.

### Iowa Liquor Sales

Dask, Pandas, Plotly

A team project that examined the liquor sales in the US state Iowa as of 2017. The personal contribution included analyzing weekly and monthly sales and the consumption of beverages based on the day of the week and their category.

### Helsinki Metro Stations

Pandas, BeautifulSoup, Plotly

A personal web-scraping project with the goal of providing the statistics on the metro stations in Helsinki and comparing them with one another.

## SKILLS

**Programming Languages:** Java, Python, SQL.

**Data Analysis:** Dask, NumPy, Pandas.

**Data Visualization:** Matplotlib, Plotly, Seaborn.

**Database Management:** SQL.

**Machine Learning:** Scikit-learn.

**Other:** AutoCAD, Microsoft Office.

## EXPERIENCE

### Data Analyst & Machine Learning Specialist

Integrify | Helsinki, Finland | October 2020 - Present

- Demonstrated advanced proficiency in programming with Python and Object-Oriented Programming.
- Performed Data Analysis and Data Visualization on diverse and complex datasets.
- Worked with APIs and performed Web Scraping to create new datasets.
- Managed databases with SQL and PostgreSQL.
- Developed Machine Learning applications with supervised, semi-supervised, and unsupervised algorithms, and dwelled into Deep Learning and Computer Vision.
- Handled Continuous Integration and Continuous Deployment (CI/CD) of Machine Learning Models with GitHub Actions and Docker.
- Built web-based applications with Python and Streamlit to host Machine Learning models.

### Master's Thesis Worker

Aalto University | Espoo, Finland | September 2017 - May 2018

- Studied the economic feasibility of energy storage technology in grid-scale applications.
- Produced a paper based on the Master's Thesis that was selected for the international conference on the European Energy Market.

### Postal Worker

Posti Oy, SOL Henkilöstöpalvelut Oy | Helsinki, Finland | November 2015 - Present

- Processing letters, parcels and magazines at the Helsinki post sorting center.

### Research Assistant

Aalto University | Espoo, Finland | During the summer seasons between 2015 and 2017

- Participated in a large-scale research on microgrids.
- Also produced the research on the decentralized renewable energy sources' influence on the conventional power distribution systems.

### Electrical Engineer

Karelian Electricity Sale Company | Petrozavodsk, Russia | July 2009 - August 2014

- Analyzed the electrical demand and grids of numerous clients.
- Held the responsibility for energy quality monitoring.
- Participated in negotiations with the customers.
- Coordinated the workflow at different branch offices of the company.

### Power Systems Inspector

Russian Federal Service for Technological Supervision | Petrozavodsk, Russia | December 2007 - May 2009

- Inspected electrical installations in buildings.
- Also completed the inspection of the regional power systems.
- Ensured the compliance of the installations with the projects and technical standards.

## EDUCATION

### M.Sc. in Automation and Electrical Engineering

Aalto University | Espoo, Finland | September 2014 - June 2018

### Exchange studies in Renewable Energy Sources

Instituto Superior Técnico | Lisbon, Portugal | February 2016 - June 2016

### Specialist Diploma in Energy Supply of Enterprises

Petrozavodsk State University | Petrozavodsk, Russia | September 2002 - June 2007