

# Mykhailo Yampolskyi

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## PROFILE

Research analyst and aspiring data analyst with a demonstrated history of working in the government administration and energy supplier sectors. Skilled in research analytics, currently working on Electricity Price Forecasting project and energy imbalances analytics. Eager to gain more experience in Data Analysis, Natural Language Processing and Machine Learning. Relocation is possible.

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## SKILLS

**Hard skills:** Hypothesis testing · Linear regression · Logistic regression · ANOVA · A/B testing · Descriptive statistics · Inferential statistics · Python · Microsoft Excel · SQL · Tableau · Power BI

**Soft skills:** Attention to detail · Organisation · Adaptability · Fast learner · Time management · Collaboration

**Languages:** English (fluent), Japanese (upper-intermediate), Ukrainian (fluent), Russian (fluent).

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## EXPERIENCE

### Manager / Analyst

#### Energy supplier Atlant, LLC

November 2023 - present, Kyiv, Ukraine

- Within one month, attracted and facilitated the onboarding of two new clients to the company;
- Calculated energy imbalances within a balancing group;
- Predicted every new client's energy consumption for the following month (Excel) and increased profits for the company by ~USD1000 each month by optimising the amounts and hours of energy purchase.
- Working on Electricity Price Forecasting (EPF) using Python and Machine Learning.

### Research Analyst

#### National Institute for Strategic Studies

May 2022 - present, Kyiv, Ukraine

- Introduced natural language processing techniques using Python and machine learning models (roBERTa) that opened up a new domain for analytics - social networks;
- Web scraped and analysed open source data (articles, social media) using GoogleNews API and Python;
- Performed sentiment analysis of social media posts with Python (Vader, Textblob, BERT);
- Visualised sentiment insights using Tableau/PowerPoint;
- Political analytics, report writing.

### Global Communications Manager

#### Prosecutor's Training Centre of Ukraine

January 2021 - March 2021, Kyiv, Ukraine

- Introduced a new international partner and was responsible for organizing the meeting;
- Organized and facilitated international meetings;
- Performed research and analyses to improve training programmes for prosecutors;

### Secretary of the Expert Council (Internship)

#### National Institute for Strategic Studies

October 2019 - March 2020, Kyiv, Ukraine

- Wrote analytical reports on Ukraine-Japan relations;
- Organized meetings of the Expert Council;
- Reported to the senior management in the form of presentations and essays.

### Internship

#### Embassy of Ukraine to the United Kingdom of Great Britain

February 2019, London, UK

- Preparation of legal documents;
- Translation of documentation;
- Administrative duties.

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## EDUCATION

### BA (Hons) Business Management and Japanese studies

Oxford Brookes University · Oxford, UK · 2014-2019

### Advancing Japanese Language Proficiency

Nagoya University of Foreign Studies · Nagoya, Japan · 2017-2018

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## CERTIFICATES

### British Airways Data Science Virtual Experience Programme

Forage · May 2023

Microsoft Excel · Python · Machine Learning Classification · NLP

## **KPMG Data Analytics Consulting Virtual Internship**

Forage • May 2023

Microsoft Excel • Python • Tableau

## **The Power of Statistics**

Google (Coursera) • April 2023

Hypothesis testing • A/B testing • Descriptive statistics • Inferential statistics • Python

## **Regression Analysis**

Google (Coursera) • April 2023

Hypothesis testing • Linear regression • Logistic regression • ANOVA • Python

## **Data Analytics Professional Certificate**

Google • 2021

Microsoft Excel • SQL • R • Tableau

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## **PROJECTS**

### **Volunteer**

International Charitable Foundation “Ukrainian House”

March 2022 -present

- Optimized processes, logistics and communication;
- Created a website from scratch ([ukrhouse.org](http://ukrhouse.org));
- Communicated with international donors.