

Iryna Popovych

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Education

Paris School of Economics (Incomplete)

Paris, France

Master of Applied Economics, Public Policy and Development

Sep 2022 – Nov 2022

Completed Courses: Introduction to Economic History, Linear Econometrics, R Programming, Measurements

Ukrainian Catholic University, Faculty of Applied Sciences

Lviv, Ukraine

Bachelor of Science, Information Technology and Business Analytics, Final GPA: 90

2017–2021

Activities: Undergraduate Researcher, Teaching Assistant, Mentor, Event Manager

Coursework: Computer Science, Econometrics, Probability Theory and Statistics, System Analysis

Research papers: Corruption Risk Profiling With Open Data: Application Of Graph Theory (2021) ([link](#)),

Probabilistic Approaches to Investment Strategies on Stock Markets (2019) ([link](#))

Professional Experience

Dzyga's Paw Charity Foundation

Lviv, Ukraine

Head of Operations and Partnerships, Co-founder

Jul 2022 – Present

- Co-launched a charity foundation without experience in nonprofits. We fundraised \$1,900,000+ from individual donors from 60+ countries and effectively spent it to equip Ukrainian defenders in the ongoing war with Russia.
- Designed a monitoring tool for the organization's spending. The solution processes all the transactions daily and provides a reporting module with summary statistics, which helps the organization to be transparent.
- Designed and prototyped a system for managing the shipments sent to the military units we support, parcel contents and costs accounting, and generating automated reports.
- Partnered with more than ten organizations to secure technical tools for teamwork, procurement, and operations.

JustAnswer

Lviv, Ukraine / Remote

Product Analyst

Feb 2020 – Aug 2022

- Facilitated development of an A/B experiment for our Conversational AI product, bringing \$400K positive customer LTV impact annually. Co-designed and analyzed the performance of more than 25 A/B and MAB tests.
- Created an insightful tool for real-time experiment data monitoring with Power BI, BigQuery & SQL Server, utilized by Product and Executive teams daily.
- Initiated the development of an analytics knowledge repository by defining key business metrics and documenting the most common analysis approaches, which was later adopted by 5 other teams in the Analytics Department.
- Mentored three junior analysts, helped them grow professionally and become self-sufficient.

Lalafo

Remote

Data Scientist

May 2019 – Jan 2020

- Co-created PoC of a unique application for predicting the selling time of an online listing using Python, Regression-based modelling, and Plotly/Dash, which was approved by C level and passed onto the development team.
- Incorporated the use of Shapely values to identify the top-10 impact features that influence the selling time.
- Created an engine providing recommendations for improvements to the listing author based on the model output.

ELEKS

Lviv, Ukraine

Business Analytics Intern

Feb 2019 – Mar 2019

- Conducted 3 interviews with the domain expert and documented business processes. As an outcome, built process and role maps and put together a glossary of custom domain terms.
- Identified 6 solutions for business processes optimization approved by my mentor and presented to the stakeholders.

Academic and Research Experience

Ukrainian Catholic University, Faculty of Applied Sciences

Lviv, Ukraine

Course Teacher, Charity Operations

Sep 2023 – Present

- I launched and taught a course about operational activities in charities, the aim of which is to enable students to develop IT solutions for the non-profit sector and to extend their understanding of where their skills could be applied.

Teaching Assistant

Sep 2019 – Jan 2021

- Assisted with Probability & Statistics and Systems Analysis courses in a class of 70 undergraduates.
- Held Q&A sessions for students, reviewed homework assignments, and mentored students' course projects.

Applied Mathematics and Statistics department of Ukrainian Catholic University

Lviv, Ukraine

Undergraduate Research Assistant

Dec 2018 – Dec 2019

- Worked on a research paper on Probabilistic Approaches to Investment Strategies on Stock Markets with my classmate. The work estimates various probabilistic strategies for trading to maximize long-run profits.
- Developed and described a new method for predicting the optimal moment for selling stocks. The resulting model showed an average profit of 4.5% from a one-month-period investment.
- Published in Ukrainian Student's Research journal.

 **I am proud of**

APPS Summer Camp

Jun 2018 – Jun 2021

- I am a founder of APPS Summer Camp - a professional learning camp for Ukrainian teenagers interested in STEM.
- Taught Intro to Programming with Python and Data Visualization courses for high school students.
- Organized 5 extensive camps in 3 cities of Ukraine since 2018, covering more than 200 participants.
- Successfully moved the event online due to the COVID pandemic.
- Transferred the event ownership to the current faculty students, who continue organizing it.

Volunteering (Russian-Ukrainian War)

2015 – Present

- Together with my partner, I created a charity foundation and raised \$1.9M to provide tech military gear to Ukraine.
- Managed communications for shelter4ua, an online platform that connects people in need of temporary housing from Ukraine with hosts worldwide, helping more than 10,000 Ukrainian refugees in 2022.
- An earnest member of the 'United Ukraine' student society. Together with the team, we organize visits to the military at the Eastern frontline and educational projects for kids who live in the war-affected areas.