

Taras Ustyianovych

Profile

Lead Software Engineer with 5+ years of experience in ML Engineering, Data Science, and Academic Research. Successfully implemented ML/DL solutions for various businesses use-cases. For instance, I developed anomaly detection and log analysis models, improving incident management efficiency by 40%. Led development of real-time monitoring solutions achieving 95%+ user satisfaction. Published 20+ research papers with focus on ML applications in business analytics and data processing.

Employment History

Lead Software Engineer at EPAM Systems, Lviv
April 2019 — Present

Work on various outsource projects in different domains with teams of 3-10 people by Scrum.

- Architected an ML-based anomaly detection system reducing incident response time by 60%
- Led implementation of real-time monitoring solutions achieving 95% user satisfaction across high-load services
- Coordinated Databricks ML certification assisting 100+ people over 2 years get expertise and prepare for the certification exams

Ph.D. Student at Lviv Polytechnic National University, Systems of Artificial Intelligence Department
September 2023 — Present

Study and work on my Ph.D. research project on multimodal data fusion.

- Collection and processing of multimodal data for climate change modeling in Ukraine
- Study of social perception of climate change and its modelling to discover tipping points
- Analysis of recent research papers using PRISMA methodology.
- Cooperation with leading global institutions (University of Alberta, Cambridge University, Ukrainian Catholic University) and active involvement in grant writing.

Education

BS in Social Communication and Information Activity, Lviv Polytechnic National University
September 2017 — June 2021

Bachelor Thesis: recommendation algorithm for university entrants.

MS in in Social Communication and Information Activity, Lviv Polytechnic National University
September 2021 — December 2022

Master Thesis: intelligent virtual consultant for university entrants

Awards & Certifications [\(view certifications\)](#)

AWS Certified Machine Learning – Specialty
December 2021 — December 2024

DP-100 Azure Data Scientist Associate
March 2021 — March 2025

Databricks Machine Learning Professional
September 2023 — September 2025

EPAM IMPACT CEO Award
2023 & 2024

Vyacheslav Chornovil Regional Prize for students of professional higher and higher education institutions. Lviv, Ukraine
November 2020

Lviv Regional State Administration Award for best students & young scientist
November 2019

Academic Scholarship of President of Ukraine for students
2020/2021 & 2022/2023 academic years

Contacts

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Skills & Expertise

- Languages & Frameworks: Python, R, SQL, TensorFlow, PyTorch
- Cloud & MLOps: AWS SageMaker, Azure ML, Databricks, MLflow
- Monitoring & Analytics: Splunk, ELK Stack, Grafana, New Relic
- Development Tools: Git, Docker, Kubernetes

Core Expertise:

- Machine Learning Engineering: Model development, deployment, monitoring
- Site Reliability Engineering: High-load systems, performance optimization
- Data Science: Statistical analysis, anomaly detection, predictive modeling

Extra Value Skills

Experience of working with cross-cultural teams located in different time zones. Experience of leading social and volunteering projects. Deep analytical thinking and research skills.

Languages

English – C1+

German – B2

Ukrainian – Native

Hobbies

Basketball, reading, tennis

Extra-curricular activities

Research Team lead of a disinformation detection project (volunteering activity)

July 2022 — September 2024

Python Trainer at EPAM Systems, Lviv
February 2020 — March 2020

AWS Educate Ambassador, Lviv
May 2020 — May 2021