

Nazarii Drushchak

Senior Data Scientist | NLP Competency Expert | AI Researcher



✉ naz2001r@gmail.com 📞 +380667847224 📍 Lviv, Ukraine

🌐 <https://www.linkedin.com/in/nazarii-drushchak-bb46781a7/>

🐙 <https://github.com/naz2001r> 🆔 <https://orcid.org/0000-0002-5056-3026>

📖 <https://scholar.google.com/citations?user=qh173i0AAAAJ&hl=uk>

📄 Profile

I am a Data Scientist, who specializes in NLP, Generative AI, and Responsible AI practices. Within my role, I supervise teams for creating technical white papers in AI, providing guidance and leadership in Gen AI research, including the evaluation of LLMs, addressing issues such as hallucination, Multimodal RAG, code translation, etc. Additionally, I actively contribute to the NLP competency within my organization, crafting materials, courses, and curriculums tailored for both technical and non-technical audiences.

In addition to my main tasks, I enjoy giving talks and lectures to share knowledge, and I'm dedicated to making sure AI is used ethically and transparently, considering how it affects society as a whole.

🧠 Skills

Machine Learning | Python | NLP | LLM | Responsible AI |
Deep Learning | Linear Programming | Non-Linear Programming | GCP |
AWS | Docker | Apache Beam | Apache Airflow | Transformers |
LangChain | Terraform | Teaching

🌐 Languages

Ukrainian — Native •
English — B2

📁 Professional Experience

08/2023 – present **Senior Data Scientist | NLP Competency Expert**

SoftServe

- Advising and leading 10+ people at internal PoCs as a part of Gen AI Lab Leadership;
- Supervising data scientists for writing technical blogs, white papers, and research articles. [Example](#) 📄 ;
- Improving NLP competency: creating courses, and education materials;
- Consulting DS department consulting on best practices for developing NLP/Gen AI/Responsible AI solutions;
- Conducting technical interviews for Middle and Senior Data Scientists;
- Creating End-2-End ML pipelines and PoC: NLP, Gen AI, Recommender Systems, and Classical ML in Google Cloud/AWS;
- Integrating and fine-tuning classical Transformers and LLM models;
- Developing various LLM systems based on RAG, Agent, and Multi-Agent architectures.

06/2022 – present

Research Fellow

Center for Responsible AI at NYU

- Conducting research on ethical and responsible AI algorithms, frameworks, and methodologies;
- Contributing to the publication of research findings in academic journals and presenting findings at conferences and workshops.

09/2024 – present

Lecturer

Lviv, Ukraine

UCU Faculty of Applied Sciences / APPS UCU

Designing and teaching the course:

- Generative AI (for M.Sc students) - NLP part
- Responsible AI (for M.Sc students) - RAI and Fairness lectures

09/2022 – 09/2024 **Teacher Assistant**
Lviv, Ukraine *UCU Faculty of Applied Sciences / APPS UCU*
Assistant at the course:

- Programming fundamentals (for B.Sc. students).

09/2022 – 08/2023 **Middle Data Scientist**
Lviv, Ukraine *SoftServe*

- Creating pipeline in AWS and GCP;
- Integrating and fine-tuning Transformers and LLM models;
- GCP: Vertex AI, Cloud Storage, BigQuery, DataFlow, Workflow;
- AWS: S3, Sagemaker, Composer, Textract;
- Creating and Modify Knowledge graph.

09/2021 – 09/2022 **Applied Scientist**
Lviv, Ukraine *SoftServe*

Education

10/2022 – 06/2024 **Master's degree, Data Science**
Lviv, Ukraine *UCU Faculty of Applied Sciences / APPS UCU*
Thesis "Stereotypes in Large Language Models: Demographic Biases in Hiring Decisions" [↗](#)
Diploma with honors summa cum laude
GPA is 96.37 out of 100

09/2018 – 07/2022 **Bachelor's degree, Economic cybernetics**
Lviv, Ukraine *Ivan Franko National University of Lviv*
Diploma with honors
GPA is 95.71 out of 100

Publications

- 11/2024 **Towards Responsible AI in Education: Hybrid Recommendation System for K-12 Students Case Study**
Under conference review.
- 09/2024 **Fair Hiring in the Age of AI: Towards Bias-Free Large Language Models in Recruitment**
Under conference review.
- 07/2024 **Estimating the Impact of the Russian Invasion on the Displacement of Graduating High School Students in Ukraine**
Under journal review.
- 05/2024 **Introducing the Djinni Recruitment Dataset: A Corpus of Anonymized CVs and Job Postings** [↗](#)
Proceedings of the Third Ukrainian Natural Language Processing Workshop (UNLP) @LREC-COLING-2024
- 06/2023 **The Possibility of Fairness: Revisiting the Impossibility Theorem in Practice** [↗](#)
FAccT '23: Proceedings of the 2023 ACM Conference on Fairness, Accountability, and Transparency

Volunteering

Co-Supervisor for Master's Thesis 2024 [↗](#)
UCU Faculty of Applied Sciences / APPS UCU
Topic "Fact editing in Large Language Models: in-weights vs in-context techniques"

Co-Organizer and Lecturer at Generative AI Spring School 2024 [↗](#)
UCU Faculty of Applied Sciences / APPS UCU
Leading NLP part of Generative AI school at AI House and Ukrainian Catholic University

Mentor at AI HOUSE Camp 2023 [🔗](#)

AI HOUSE

Mentoring teams in creating technical MVPs during a one-week hackathon in Generative AI



Interests

- Mentoring students
- Writing scientific works
- Developing NLP community