ANNA MAMCHYCH

DATA ANALYST | DATA SCIENTIST
ML ENGINEER | PYTHON PROGRAMMER

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📍 Remote, Other
in linkedin.com/in/anna-mamchych
🌐 https://annnamm.github.io/ [Portfolio]

PROFILE

Creative and disciplined data science enthusiast with a dual academic background in mathematics and informatics. Experienced in data visualization, statistical analysis, and programming, with a strong interest in AI and machine learning. Passionate about continuous learning, regularly participating in industry events and conferences. Having graduated after seven years of study at an art school. Otside of my professional interests, I enjoy drawing, playing chess, as well as exploring the rich history of Ancient Egyptian mythology.

WORK EXPERIENCE 💼

Programming trainer for children and youth
Coding Giants | 03.2025 - present | Remote
- Conduct online and on-site group classes for children aged 7-18 years, led programming classes.

Teacher of English for children
StudyLess | 10.2023 - 06.2025| Remote
- Conducted individual classes for children aged 5-17 years, led speaking clubs and community clubs (drawing and Minecraft in English), also filled out reports and worksheets.

IT department Intern
PEPCO | 06.2023 - 08.2023 | Poznań
- Acquired knowledge of processing, transformation, interpretation and visualization of data. Gained experience with EXCEL and ERP. Learned how to use DAX. Practiced using Power BI.

ACHIEVEMENTS 🎖

Study@Research XI Edition | 04.2025 - 10.2025 | Poland
- Laureate of the Excellence initiative- Research University (ID-UB) grant program. Received funding for research in ML (Python).

Umiejętności Jutra AI | 01.2025 - 02.2025 | Poland
- Won a 5-week training course on how to use AI at work from Google and SGH.

Women in Tech Camp | 12.2024 | Poland
- Participant of a 4-day camp for the most talented STEM students from Polish universities.

New Technologies for Women | 09.2023 to 06.2024 | Poland
- Laureate of the NTDD Ukraine grant program prize sponsored by Intel and Perspektywy.

PROJECTS 📑

Fahr's disease detection
- ML project with training models for detecting rate brain disease. Python, Tensorflow, Scikit-learn, TL with CNN ect. Creating new dataset with future publishing on Kaggle.

Statistical analysis of the impact of the introduction of the "Safe Credit 2%" program on apartment prices in Poland
- Project analyzes how a government program impacted housing prices in Poland's five largest cities 2010 - 2023. It uses regression and repeated measures analysis based on real estate price data.

Multilingual Medical Translator is comming soon...

EDUCATION 🎓

MSc in Mathematics and Informatics: Data analysis and processing / Data Science
The Adam Mickiewicz University of Poznan | 10.2024 - present

BSc in Mathematics and Informatics: Statistics and data analysis
The Adam Mickiewicz University of Poznan | 10.2021 - 07.2024

BSc in Applied mathematics and Informatics: System Analysis and Management. Data Science
The Ivan Franko National University of Lviv | 09.2020 - 06.2024

Thesis Projects:
- *Statistical analysis of the impact of the introduction of the "Safe Credit 2%" program on apartment prices in Poland. (Python)*
- *Three-step method of minimizing a function in a basis gradient method.(Python)*
- *Three-step method of minimizing a function in a basis difference analogue of the Davidon-Fletcher-Powell method.(Python)*

SKILLS SUMMARY

- Soft

Flexibility of mind - Attention to details - Critical Thinking - Time Management - Patience - OOP Principles

- Hard

Python[NumPy/Pandas/Matplotlib/TensorFlow/Scikit-learn/Requests] - R[Statistics] - C++ - PostgreSQL - MongoDB - Tableu - Docker - Git - Bash - HTML/CSS - Power BI

LANGUAGES

- English — advanced
- Polish — fluent
- Ukrainian — fluent
- Italian — beginner

CERTIFICATES

- Programming Education for Youth – Coding Giants
- Umiejętności Jutra AI – Google & SGH
- EF SET English level C1
- Applications of AI for Anomaly Detection – NVIDIA
- Getting Started with Deep Learning – NVIDIA
- Analytics for Beginners / Advanced – Google
- 13 certificates MongoDB