

YULIIA BOBROVYTSKA



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PROFILE

Ambitious and results-driven AI specialist with strong expertise in data science, machine learning, and AI-driven solutions. Skilled in prompt engineering, object detection models, and chatbot optimization. Passionate about developing intelligent systems that enhance user experiences and solve complex challenges.

EDUCATION

Breda University of Applied Sciences

Bachelor of Data Science and Artificial Intelligence (2022 – Present)

- GPA: 94/100
- Relevant Coursework: Machine Learning, Python, Deep Learning, Computer Vision, AI Ethics, Predictive Analytics, MLOps, Natural Language Processing, Computer Vision for Robotics, Reinforcement Learning, Digital Transformation, Responsible AI, LLMs

EXPERIENCE

Data Scientist (Full time)

Rabobank Utrecht

- Python (core programming for modeling)
- SQL (data querying and ETL processes)
- PySpark/Databricks (big data processing)
- Machine Learning model development/maintenance (supervised/unsupervised techniques)
- Modeling, data analysis and visualization
- Building robust data pipelines

AI Specialist (Remote)

Ukrainian Tech Company (6 months)

- Developed and optimized AI-driven solutions for real-world applications.
- Implemented object detection models to enhance accuracy and efficiency.
- Collaborated with a cross-functional team to improve AI performance.

Big Data Hackathon 2023

United Nations Committee of Experts on Big Data and Data Science

- Led a team in developing a problem statement and research question.
- Conducted Power BI analysis and proposed a theoretical solution.

AI-Driven Viewer Rating Analysis

Banijay Benelux Group (Amsterdam)

- Analyzed the influence of Twitter engagement on viewer ratings.
- Developed machine learning models to extract insights from social media data.

Image Classification Application

University Project

- Designed and trained a computer vision algorithm for object recognition.
- Applied XAI and optimization techniques to enhance model interpretability.

SKILLS

- **Programming:** Python, LangChain
- **Machine Learning & AI:** Predictive Analytics, Deep Learning, Natural Language Processing, Reinforcement Learning, Computer Vision, MLOps, LLMs
- **Data Science & Engineering:** Pandas, NumPy, SciKit Learn, TensorFlow, Data Governance, Agile Project Management
- **Business Intelligence:** Power BI, Digital Transformation & Change Management
- **Soft Skills:** Teamwork, Project Management, Public Speaking, Stakeholder Management

LANGUAGES

- **Ukrainian:** Native
- **Russian:** Native
- **English:** C1 (IELTS: 7.0)
- **Dutch:** B1 (NT2 Certificaat)
- **German:** A2 (Goethe-Zertifikat)

CONTACT

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