YULIIA MEDUN

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OBJECTIVE

Seeking opportunities to gain hands-on experience and apply foundational skills in data analysis, machine learning, and programming. Eager to contribute to real-world projects while continuing to grow through practical learning and collaboration.

TECHNICAL SKILLS

- Python
- Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
- Jupyter Notebook, Visual Studio Code, Power BI(intermediate), Figma(intermediate)
- Basic understanding of neural networks, classification, regression
- Problem-solving, teamwork, attention to detail

EDUCATION

Bachelor of Science in Applied Data Science & Artificial Intelligence (Anticipated July 2028)

Breda University of Applied Sciences (BUas), Breda, Netherlands
Practice-based program focused on AI, data-driven decision-making, machine learning, and real-world applications.

EXPERIENCE

Life Expectancy vs. Healthcare Expenditure Analysis: Academic Project   Sep 2024 - Nov 2024

- Investigated the relationship between life expectancy and healthcare spending using Power BI.
- Applied CRISP-DM methodology for structured data analysis and generated meaningful visualizations to support insights.
- Used advanced Power BI functions including calculated columns, maps, and filters to explore patterns in public health data.

IKEA Power BI Project: Terminal Fraud Detection and Data Analysis   Nov 2024

- Analyzed data from IKEA on terminal fraud checks over the last three months, focusing on check frequency and location patterns.
- Identified unusual patterns in fraud checks to determine whether all terminals were thoroughly checked for potential fraud and ensure terminals were regularly monitored and functioning properly.
- Developed and presented an interactive Power BI dashboard that visualized key findings, helping the clients make informed decisions.

Mushroom Classification Deep Learning Project: Academic Project   Feb 2025 - Apr 2025

- Developed a deep learning classifier using Keras and TensorFlow to categorize mushrooms into five classes.
- Designed a wireframe prototype in Figma for the classification tool's UI.
- Conducted A/B testing to optimize model performance and a Think-Aloud study for user feedback.
- Assessed human-level performance through a Microsoft Form quiz to evaluate model accuracy.

VOLUNTEER AND LEADERSHIP EXPERIENCE

- **Volunteer at the Center for Ukrainian Refugees in the Netherlands**   Apr 2022 - Nov 2022

Assisted in accepting and organizing donations, ensuring they were sent to Ukraine to support those in need.

- **Citywide Intellectual Quiz Competition – Team Leader**   Mar 2019 - Feb 2022

Represented my school as one of the team leaders in a city-level quiz event focused on knowledge and critical thinking among young participants.

LANGUAGES

- Ukrainian: Native
- English: Fluent (C1)
- Dutch: Pre-intermediate (A2, currently learning)