

MATEUSZ WIĘCEK

MSc Artificial Intelligence Candidate · AI Evaluation · Machine Learning · RAG & LLMs · Technical QA

Scotland, UK · [Portfolio](#) · [LinkedIn](#) · [GitHub](#) · [Kaggle](#)

PROFILE

MSc Artificial Intelligence and Applications candidate at the University of Strathclyde with hands-on experience building and evaluating reproducible machine-learning, RAG and computer-vision systems. Produces evidence-based assessments using explicit metrics, tests, safety checks and documented assumptions. Combines Python and ML capability with careful reading, clear technical writing and consistent judgement.

TECHNICAL FOCUS

Evaluation & QA	Model-output comparison, rubric-based review, error analysis, statistical validation, evidence checking, technical documentation.
Programming & ML	Python, R, SQL · scikit-learn, PyTorch, TensorFlow/Keras, NumPy, pandas, SciPy, CatBoost.
Methods & tools	RAG, LLMs, information retrieval, computer vision, experimental design, optimisation · Git, pytest, Ruff, Docker, Jupyter.

EDUCATION

MSc Artificial Intelligence and Applications · University of Strathclyde, Glasgow · Sep 2025 - Sep 2026 (expected)

- Thesis direction: clinically aware RAG over synthetic NHS-style EHR data, with retrieval qrels, citation checks, safety tests and documented governance.

Master of Arts and Licentiate, Physical Education · AWF Warsaw, Poland

SELECTED AI EVALUATION AND ML PROJECTS

Clinical RAG	Synthetic NHS-style EHR prototype with patient-specific retrieval, citation-aware answers, safety responses and tests.	P@3 0.583 R@3 1.000 MRR 1.000
Sign Language MNIST	Perceptron and feed-forward networks implemented in NumPy, with regularisation, early stopping and label-quality analysis.	Aligned accuracy 0.8862
Spotify modelling	Reproducible regression and classification workflow with baselines, validation, figures and automated tests.	RMSE 6.52657 Accuracy 0.57142
GA optimisation	Chronological evaluation of a 15-parameter strategy with transaction costs and multiple baselines.	OOS return 7.50% Max DD 9.99%

All figures are project-specific reported metrics. Synthetic-data and benchmark limitations are documented in the portfolio; the GA project is research, not investment advice.

EXPERIENCE

2012 - present · seasonal	Seasonal Camp Leader & Web/Digital Support · Smile Camp Group activities, participant supervision, sports leadership, website content and digital communications.
2019 - present	Delivery Associate / Driver · Amazon DSP / Amazon Flex Independent, time-sensitive operational work with routing accuracy, procedural compliance and exception handling.

LANGUAGES

Polish - native · English - professional working proficiency; MSc study and UK work conducted in English