

Jędrzej Gołaszewski

Ambitious ML Engineer (4.38 GPA) passionate about solving complex problems in Computer Vision and Generative AI with proven leadership skills. Combines rigorous analytical skills with hands-on engineering expertise to build robust, self-correcting intelligent systems.

Phone: +48 500 862 920

Email: golaszewskijędrzej@gmail.com

Linkedin: linkedin.com/in/jgolaszewskipw

Github: github.com/JGolaszewski

Education:

Warsaw University of Technology *B.S. in Applied Computer Science (GPA: 4.38)* Oct 2023 – 2027

Relevant Coursework: Algorithms & Data Structures, Linear Algebra, Object-Oriented Programming.

Università degli Studi di Messina *Erasmus+ Exchange Program* Sep 2025 – Feb 2026

Relevant Coursework: Machine Learning, Statistical Models, System Security.

Certifications and Courses:

- **IBM AI Engineering Professional Certificate** IBM *In Progress*
Skills: Transformers, Pytorch, Tensorflow, LLMs, NLP, NN architectures, Transfer Learning, AIOps
- **Google AI Agents Course & Hackathon** Google 2025
- **Fundamentals of Red Hat Enterprise Linux** RedHat 2026
- **Databases and SQL for Data Science with Python** IBM 2026

Projects and scientific activity:

AI-Generated Image Detection System

Team Lead (9 Members) Developing a Transformer-based model to detect synthetic/AI-generated imagery.

- Leading the AI division responsible for architecture design, data collection and model evaluations.
- **Tech Stack:** PyTorch, Transformers, Data Engineering.

Automated Histopathological Image Processing Pipeline

Individual Project Designed a computer vision pipeline for processing with morphing sequential raw tissue Whole Slide Images (WSI) using advanced computer vision technologies.

- Achieved high-precision accuracy with morphing 0.0032 MSE (Mean Squared Error) for masked regions and 0.0119 Normalized MSE for alternating tissue registration.
- **Tech Stack:** Python, OpenCV, PyTorch, Image Registration Algorithms.

Google Agentic AI Hackathon

Nov 2025

Developed a hierarchical multi-agent system using Google and Gemini 2.5 to automate resume creation and tailoring with web interface and backend server-side LaTeX compilation.

- Engineered a self-correcting "Judge-Refiner" architecture to ensure syntax accuracy and integrated GLiNER transformers for real-time PII (Personally Identifiable Information) sanitization.
- Orchestrated a scalable microservices infrastructure with Docker and FastAPI, reducing resume creation time by ~98% (from 2 hours to <2 minutes).
- **Tech Stack:** Python, Google ADK, FastAPI, Docker, LLM Ops.

Active member of the "GOLEM" science group

2025 - Present

Participation in AI summits/events, research projects and membership in academic team.

Additional Skills:

Proficient with: Python, Git, Generative AI, Keras, Matplotlib, Scikit-Learn and Familiar with: LLM, NLP, JIRA

Languages:

English (C1/C2) - ACERT B2+ certified (2024) and Erasmus exchange experience.