Kacper Zaleski

AI / Machine Learning Engineer

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Profile

AI graduate (JKU Linz) with hands-on experience in deep learning, data pipelines, and full-stack development across a hospital, a bank, and academic research. Comfortable moving between model training, data engineering, and software engineering; currently starting a Master's in Artificial Intelligence.

Experience

Jun 2024 – Dec 2024
Programmer, *Medical University of Vienna*, Vienna
Curated high-dimensional intensive care data and developed a data pipeline for downstream ML models.

Apr 2023 – Apr 2024
Full-Stack Developer, *Raiffeisen Bank International*, Vienna
Developed the back- and frontend of an internal budget management service; built PowerBI dashboards for international budget insights.

Jul 2021
Intern, *Evolit Consulting GmbH*, Vienna
Built a marketing website for a new company service.

Jul 2019
Intern, *Raiffeisen Informatik Technical Services*, Vienna
Built a new homepage, debugged SAP systems, and created SharePoint workflows.

Education

2026 – present
M.Sc. Artificial Intelligence, *Johannes Kepler University (JKU) Linz*

2022 – 2026
B.Sc. Artificial Intelligence, *Johannes Kepler University (JKU) Linz*
Bachelor's thesis: deep learning approaches for CT/PET medical image translation, including diffusion-based generative models (Schrödinger bridge, conditional denoising, paired training).

2017 – 2022
Diploma, Computer Science, *HTL Spengergasse*, Vienna
Diploma thesis on DevOps, covering CI/CD pipelines, containerization with Docker, and monitoring.

Technical skills

Languages	Python, Java (Spring), JavaScript, SQL
Machine Learning	PyTorch, deep learning, diffusion-based generative modeling, exposure to NLP, RL and computer vision
Data	data pipeline design, high-dimensional data curation, pandas
DevOps & Tools	Docker, CI/CD, monitoring, Git
Web & BI	full-stack web development, PowerBI

Languages

German (fluent) · English (fluent) · Polish (native)

Interests

Scouting	Active for 15 years; responsible for group website & Office 365 administration, youth mentoring, and external contributions to SCOREG (Austrian Scout Association's national membership platform).
Other	Skiing and outdoor activities.