MATTEO DE RIZZO

AI ENGINEER

CONTACT

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Amsterdam, NL

Github

SKILLS

- Python, SQL, R
- Google Cloud Platform (GCP)
- Amazon Web Services (AWS)
- Microsoft Azure
- Deep Learning
- ETL workflows
- ML Pipelines
- Docker
- Git

LANGUAGES

- English (fluent)
- Italian (native)
- Czech (fluent)
- Python (fluent)

HOBBIES

- Game Development (GoDot, Unity, Unreal Engine)
- Board games
- Bouldering

PROFILE

A recent AI graduate featured in the 21st AIAI conference. Skilled in computational data analysis, backend development, and machine learning applications in both research and production settings.
Academic and industry experience include a digital health internship at WelPair, a teaching assistant role, and a recent position as IT Manager at HCS Group SRL, where I led backend and database systems in a healthcare environment. These roles highlight both technical skills and the ability to communicate complex ideas clearly. Especially drawn to roles in AI engineering or data science.

WORK EXPERIENCE

IT Manager

HCS Group SRL, Italy AUG 2024 - JUN 2025

- Managed backend systems and healthcare databases, ensuring data integrity, privacy, and compliance with GDPR and health regulations.
- Designed and maintained ETL pipelines and internal APIs to support secure, real-time access to patient and operational data.
- Led infrastructure upgrades, database migrations, and backend integrations across clinical platforms and internal tools.

Teaching Assistant

Vrije Universiteit, Amsterdam NOV 2023 - MAR 2025

- Supported students in hands-on machine learning projects
- Facilitated lab sessions, advised students on Python-based data analysis, and supported coursework using Pandas, Scikit-learn, and statistical testing.

AI Research Intern

Welpair Solutions BV, Utrecht JAN 2023 - JUL 2023

- Contributed to the development of AI-powered systems for stress detection and monitoring using multimodal physiological and behavioral data.
- Designed and implemented machine learning pipelines for real-time stress inference.
- Built automated ETL workflows for cleaning and transforming large volumes of sensor data.

EDUCATION

MSc in Artificial Intelligence

SEP 2021 - MAR 2025

Vrij Universiteit, Amsterdam

- Thesis: Multi-layered neural network modeling of Epilepsy mechanisms using simulation tools. Published at the AIAI 2025 Conference and available at GitHub Repository.

BSc of Psychology

SEP 2018 - JUN 2021

Leiden University, Leiden

- Gained hands-on experience with statistical software (e.g., SPSS, R), analyzed complex datasets using correlation, regression, factor analysis, and PCA techniques.