

Zsófia Németh

Data Scientist & Software Engineer

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EXPERIENCE

Data Scientist

Nov 2023 — Present

Forward College · Budapest, Hungary

- Progressed from Data Science Intern to Data Scientist at Forward College, engineering production AI systems for approximately 500 university users. Built a multi-model RAG workspace using OpenAI, Anthropic, and Gemini
- a multilingual tax-return analysis pipeline combining Google Document AI OCR with deterministic GPT normalisation
- and speech-to-text research tools. Delivered secure, auditable data workflows with Supabase and Cloud Run, including source provenance, usage analytics, and privacy-aware processing.

EDUCATION

Data Science in Business

Sep 2026 — Expected 2028

Corvinus University of Budapest · Budapest, Hungary

Data Science in Business degree continuing LSE studies, alongside NTP scholarship research on machine-learning image recognition in data-scarce environments.

BASc Computer Science

Sep 2024 — Expected 2027

Eötvös Loránd University (ELTE) · Budapest, Hungary

BASc Computer Science studies focused on object-oriented design, systems programming, and Java/C# applications; complemented by Erasmus coursework at Universidad Complutense de Madrid and the University of Primorska in databases, networks, machine learning, data programming, and augmented reality.

BSc Data Science and Business Analytics

Sep 2022 — Jun 2025

The London School of Economics and Political Science (LSE), via Forward College · Lisbon, Portugal

BSc Data Science and Business Analytics combining quantitative and business training with applied work on AI platforms, research tooling, and data pipelines.

RESEARCH & PUBLICATIONS

ELTE Research Group with Harvard Medical School

Ongoing research

Medical Image Recognition in Data Scarce Environments via Transformer-Based Synthetic Augmentation

Ongoing research

Systematic Review: Emerging Generative AI & Deep Classifiers in Medical Imaging

Ongoing research

Use of Language in Dove's Real Beauty Campaign

Published · Lélektan és Harviselés folyóirat · 2022

Capacitor Calculation in a Three-Phase Electronic Circuit with the Help of Complex Numbers

Published · Mesterséges Intelligencia folyóirat · 2022

SKILLS

Python · TypeScript · SQL / PostgreSQL · React · Supabase · RAG & LLM orchestration (OpenAI, Anthropic, Gemini) · Vector databases (Pinecone) · Google Cloud (Cloud Run, Document AI, Speech-to-Text) · pandas & R (tidyverse) · Docker · HubSpot CRM automation · C · C#

Languages: Hungarian - native; English - full professional; German - limited working; Portuguese - elementary; French - elementary; Spanish - elementary