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Amsterdam, The Netherlands



Summary	Experienced data scientist with strong academic roots and extensive practical experience. Focused on building and deploying impactful AI solutions in healthcare, law, and engineering. Connector, builder, and innovator.
Key Skills	Languages: Python, R, JavaScript, TypeScript, Fortran, PHP, Java, Julia, C, Rust Frameworks/Tools: PyTorch, Keras, Spark, REACT, Sklearn, Next.js, Vite, PostgreSQL, Docker, GCP, Solr, Redis AI/ML: LLMs, NER, NLP, multi-omics analysis, time-series analysis clustering, forecasting, causal inference Soft: Scientific thinking, technical writing, team leadership, mentoring, independent execution
Selected Projects	Doodler - technical lead 2025–present Technical lead, responsible for deploying an ISO/NEN compliant medical application hosted in Azure. Doodler is a service that turns doctor/patient communications into a visual talking board using LLMs/VLMs. <i>keywords: Azure, REACT/Vite, PostgreSQL, privacy, VLM, LLM, ISO/NEN, deployment</i> Argus – Clinical AI (UMCU) 2019–present Lead developer of AI to predict cardiovascular disease. Developed clinical language models, biomarker discovery pipelines, time-series clustering for nephrology, and quality assurance for data science group. <i>Keywords: Pytorch, Spark, EHR, NLP, GCP, multi-omics, clustering, medical AI</i> Clinical hackathons– MEDxAI 2017–2026 Lead data scientist in hackathons organised in collaborations with medical institutes, sponsored by Galapagos. <i>Keywords: Python, Sklearn, ECG analysis, interpretable AI</i> DutchDesignBot (B-Lab) 2022 Online interactive demo using LLMs during Dutch Design Week. Includes back-end AI pipeline and frontend game. <i>Keywords: REACT, TypeScript, PostgreSQL,</i>

LLM APIs, cloud hosting

SeaNos – Irish News-to-Folk Pipeline

2023

Creative project turning news into Irish folk songs using ViTs and LLMs. *Keywords: LLMs, ViTs, generative AI*

Employment

University Medical Center Utrecht – Senior Data Scientist (2019–present)

MEDxAI – Lead Data Scientist / Co-founder (2017–present)

B-Lab – Owner, AI consultant (2019–present)

De VakantieDiscounter – Senior Data Scientist (2018–2019)

Netherlands eScience Center – Research Engineer (2017–2018)

UvA - IvIR – Post-doc NLP (2016-2017)

VEON – senior data scientist (2016)

Tele2 – Data analyst (2014-2016)

Education

PhD, Applied Mathematics

TU Eindhoven / CWI

MSc, Aerospace Engineering

TU Delft

Pre-master, Information Law

University of Amsterdam

**Side Projects &
Extras**

- Built a Telegram AI-chatbot and a custom LLM-based search engine (2023).
- Contributor to open source ML (e.g. Huggingface, MedNER.nl, PubScience, TimEx, clinlp).
- Participant in hackathons and Kaggle competitions.
- Writer on science, politics and society.