

Nigel van der Laan

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Professional Summary

Dynamic and solution-oriented Business & Research Strategic Leader with over 7 years of experience in AI and Machine Learning. Proven track record in leveraging data-driven insights to drive business improvement and optimize overall performance. Excel at bridging the gap between technical and non-technical stakeholders, fostering innovation.

Core Competencies

AI/ML Development • Data Analytics • Full-Stack Development • Team Leadership • Strategic Planning • FinTech & Blockchain • Problem Solving • Agile Methodologies

Technical Skills

Python, R, JavaScript, SQL, SPARQL, Keras/TensorFlow, PyTorch, FastAPI, Django, React, Git, Azure, Elastic Cloud, PostgreSQL, Linux, Solidity, Rust, Pandas, NumPy, Matplotlib, Seaborn, Flask, Pine, Moralis, Chainlink, ATAS/EXO

GitHub Repositories

<https://github.com/ARQNXS>

ARQNXS - Personal projects and collaborative work

https://github.com/NKVDL/jupyter_notes

Jupyter Notes - Collection of data science and machine learning notebooks

Professional Experience

ARQNXS, Amsterdam - Founder & AI Solutions Architect

July 2017 - Present

- Developed an AI-powered procurement platform, increasing search efficiency by 800%
- Engineered ML-driven chatbots capable of handling 1M requests/minute
- Created an intelligent trading application with advanced risk management features
- Implemented NLP solutions for educational platforms, achieving 95% accuracy in MCQ responses
- Designed and deployed multi-instrumental ML-powered trading systems

Dutch Government, Apeldoorn - Information Analyst

Oct 2022 - Sept 2023

- Led a high-performing development team, delivering innovative solutions
- Optimized operations through Python script refinement and SPARQL query validation
- Implemented DevOps practices using GitLab and YAML

Sintryx, Amsterdam - Chief Technology Officer

Oct 2021 - Sept 2022

- Conceptualized and developed a high-performing FinTech platform
- Led a team of 13 to successfully deliver an NFT Marketplace and DEX
- Raised \$600k in 10 days through strategic pitching and presentation

GMU, Meppel - Senior Python Developer

May 2021 - Dec 2021

- Spearheaded the development of ML/DL models for financial analysis
- Created a GUI-integrated bot for crypto trading
- Managed a \$100k fund portfolio, optimizing allocation strategies

Education

Vrije Universiteit, Amsterdam

Sept 2020 - Mar 2021

MSc in Genes in Behaviour and Health (Partial)

Vrije Universiteit, Amsterdam

Sept 2016 - Mar 2017

MSc in Neuroscience (Partial)

Vrije Universiteit, Amsterdam

Sept 2013 - Jun 2016

BSc in Biological Psychology

Languages

Fluent in Dutch and English; Conversational Spanish

Significant Achievements

- Pioneered AI-driven solutions increasing procurement efficiency by 800%
- Developed ML models handling 1M requests/minute for real-time sentiment analysis
- Successfully raised \$600k in seed funding for a FinTech startup
- Led the delivery of innovative blockchain solutions including NFT marketplace and DEX
- Developed advanced software solution with 95% accuracy in educational MCQ responses
- Engineered intelligent "trade brain" for enhanced trading app functionality
- Created full-stack GUI sentiment analyzer for real-time speech recognition
- Implemented liquidity pool solvent algorithm for DeFi environment
- Authored in-depth technical paper on FinTech and blockchain technologies

This resume was generated using an algorithm. The script can be found at https://github.com/ARQNXS/Resume_Creator