



# CAMIEL KERKHOFS

## MACHINE LEARNING ENGINEER

🏠 Maastricht

📅 April 23, 1995

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## WHO AM I?

I am a skilled AI/ML engineer who is passionate about solution architecture. I am a quick learner and a team worker that gets the job done. I can implement state-of-the-art AI solutions to solve your evolving business problems in a society that is increasingly driven by data.

My passion, combined with my quick learning skills and enthusiasm for acquiring new knowledge, motivates me to keep up with the latest developments.

## EDUCATION

MSc, Maastricht University (2018 - 2020)  
Artificial Intelligence

BASc, Zuyd University (2013 - 2017)  
Software Engineering

## CERTIFICATES

AWS Machine Learning Specialty (2024)  
Azure Data Scientist Associate (2022)  
Scrum.org PSM I (2018)

## LANGUAGES

Dutch (mother tongue)  
English (fluent)

## HOBBY'S

Mountainbike, Cycling,  
Simracing, Swimming,  
Hiking, Running

## EXPERIENCE

May 2019 - current

**Mediaan Conclusion**

*Data Science & AI Consultant*

Feb 2017 - Jan 2019

**lvengi.com**

*Junior Software Developer (0.3 FTE)*

Sep 2015 - Feb 2017

**NLcom**

*Junior Software Developer (0.4 FTE)*

## HIGHLIGHTS

## PROJECTS

### Smart Agency - Lead AI Engineer

I am currently the lead AI Engineer in a team of four AI specialists, focused on delivering the AI backend for a new generative AI marketing platform. Our application uses the Azure OpenAI API (Ada002, GPT-3.5, GPT-4, DALL-E 3) for embeddings, chat completions, function calling and image generation. I am responsible for the solution architecture and I have also built the infrastructure for containerized custom recommendation and classification models. My role includes managing the team from task assignment to delivery. Our stack utilizes both AWS and Azure.

### Quin - ML Engineer

I was responsible for designing & implementing an end-to-end NLP pipeline. This involved building a custom labeling tool, collecting data, training NER and classification models using PyTorch and deploying real-time inference endpoints on Azure.

## SKILLS

### Theoretical Knowledge

- Solution Architecture
- Software Development
- Machine Learning
- Generative AI
- Deep Learning
- Computer Vision
- Natural Language Processing
- Operations Research
- Time Series
- Data Engineering
- Business Intelligence
- Agile Project Management

### Hard skills

- Python
- TypeScript
- Java
- PHP
- C#
- Microsoft Azure
- AWS
- PyTorch
- TensorFlow
- PySpark
- scikit-learn
- Docker