

FABIAN MIJSTERS



My interests span the entire science field and I enjoy discussing and combining a wide range of ideas. That's also why I believe that in the highly complex world we live today multidisciplinary teams are the future.

CONTACT

- ✉ fabian@fits-it.nl
- 📍 Deventer
- 🌐 @FMijsters
- 🌐 Fabian Mijsters
- 🏠 Date of birth: 17-06-1998

SKILLS

Programming

Python	●●●●●●
JavaScript	●●●●●●
Java	●●●●●●
R	●●●●●●
C++	●●●●●●
Swift	●●●●●●
PHP	●●●●●●
HTML/CSS	●●●●●●
Node.js	●●●●●●

Machine Learning

Computer Vision	●●●●●●
Supervised Learning	●●●●●●
Natural language processing	●●●●●●
Reinforcement learning	●●●●●●

Operating Systems

Linux(HPC)	●●●●●●
Linux	●●●●●●
MacOS	●●●●●●
Windows	●●●●●●

Software & Tools

Visualisation (e.g. matplotlib, seaborn, ...)	●●●●●●
Data handling/analysis (e.g. numpy, pandas, ...)	●●●●●●
OpenCV	●●●●●●
TensorFlow	●●●●●●
PyTorch	●●●●●●
MongoDB/SQL	●●●●●●
Slurm	●●●●●●

Languages

English	●●●●●●
Dutch	●●●●●●

Frameworks

ReactJS	●●●●●●
Angular	●●●●●●

CERTIFICATES

GCP: Good clinical practice

WORK HISTORY

📅 12-2022 - 03-2023
📍 Utrecht University & UMC Utrecht
Machine Learning Engineer
Continuing my research on the SLAPI project at UMC Utrecht through Utrecht University. Optimised the pipelines of our models while simultaneously supervising master students working in our research group

📅 10-2021 - 7-2022
📍 UMC Utrecht
Graduate Intern
Video-based infant monitoring: Recognizing appetite, pain and sleep states in preterm infants. I created a model that was able to determine the current state of a preterm infant based on pose estimation and facial landmark data. This data was used to recognize certain cues that pre-term infants display when they are in a specific state

📅 02/2017 - now
📍 Bizzerd Utrecht
Chief technology officer
I built a ReactJS webshop that is actively used by thousands of customers and daily used by hundreds of users. I built an Android app that shares some of the features of the web app and in collaboration with another colleague built an IOS app that serves the same function as the Android app.

📅 02/2020 - 07/2020
📍 BallJames (now Inmotio) Enschede
Graduate Intern
A domain adaptation of person re-identification with similar apparel. I created a computer vision model that was able to re-identify football players, based on their appearance and position on the pitch, whose tracking was lost due to occlusions.

EDUCATION

📅 2020 - 2022
📍 Utrecht University
Master Artificial Intelligence

📅 2016 - 2020
📍 University of applied science Saxion
HBO-ICT: Software Engineering

MASTER COURSES

- Data Mining
- Intelligent Agents
- Natural Language Processing
- Human Centered Machine Learning
- Philosophy of AI
- Computer Vision
- Cognitive Modeling
- Introduction to logic
- Mathematics for AI
- Methods in AI research