

Olav Pelzer

As a professional with a diverse academic background in Medicine, Artificial Intelligence, and Computer Science, I'm passionate about harnessing the power of these interconnected fields to address and solve critical challenges within the healthcare domain. I pride myself on being a curious and relentless learner, constantly seeking new knowledge and experiences to expand my understanding of these complex and ever-evolving fields. This curiosity, coupled with a strong work ethic, ensures I approach each problem and project with an open, critical, and innovative mindset.

Personal information is removed in this CV version. Request the full version via:
contact@olavpelzer.nl
www.olavpelzer.nl



WORK EXPERIENCE

DJ performing — [Menopauze Soundsystem](#)

2017 - PRESENT

Co-founder and active performer in a professional DJ duo, responsible for live performances, client communication, marketing, and managing the business side of the project.

Medical Assistance in GP offices — Various

2024 - PRESENT

Working in general practices during my Master's in Medicine, assisting with triage, administrative tasks, and minor medical procedures such as stitching and administering vaccinations.

Patient Evacuation Control Centre — [LCPS](#), Zeist

JANUARY 2021 – JULY 2022

Managed complex logistics, data, and coordinated communication with numerous healthcare providers, contributing to efficient patient care during crisis conditions.

Teaching Assistant — Utrecht University, Utrecht

JANUARY 2021 – JANUARY 2022

Delivered practical instruction and academic support in core courses including "Computational Thinking and Programming in Python" and "Machine Learning".

Corona Response Team — UMCU, Utrecht

MARCH 2020 – JANUARY 2021

Tested medical staff and patients for potential SARS-CoV-2 infections. Carried out administrative tasks, recruiting and training new staff.

R&D Cardiology — St. Antonius Hospital, Nieuwegein

MAY 2019 – MARCH 2020

Provided research assistance throughout various stages of clinical trials, helping to advance cardiological medical knowledge. Handled communication with patients and hospitals for follow-up data collection, demonstrating strong interpersonal and organizational skills.

EXTRA-CURRICULAR EXPERIENCE / VOLUNTEERING

Medical Internship — PAHS Hospital, Patan, Nepal

Completed a two-month medical internship in Surgery and Internal Medicine departments, gaining valuable hands-on experience and exposure to a healthcare system in a developing country.

LANGUAGES

Dutch: native
English: fluent
Spanish: intermediate

Python, C#, SQL, HTML

EDUCATION

Utrecht University, The Netherlands:

M.Sc. in Medicine

2024 - PRESENT

After six years working in the technical fields of AI and Computer Science following my Bachelor's in Medicine, I chose to return to the medical field and am now pursuing a Master's in Medicine, currently completing my clinical rotations.

M.Sc. in Computer Science – Cum Laude, Average Grade: 8.3

SEPTEMBER 2020 - JULY 2023

Pursued the [Double Master's Degree Honours Programme](#), obtaining dual degrees in AI and Computer Science over three years. During my graduation year, I carried out a large research project at a medical tech company called [Pacmed](#).

Thesis: *"Integrating Domain Adaptation into Federated Learning: Improving Prediction Models for Effective ICU Patient Care"*, Grade: 8.6/10.

Key Courses: Algorithms for Decision Support, Scheduling and Timetabling, Data Mining, Concepts of Programming Language Design, Algorithms and Networks, Evolutionary Computing.

M.Sc. in Artificial Intelligence – Magna Cum Laude, Average Grade: 8.7

SEPTEMBER 2020 - JULY 2023

Key Courses: Pattern Recognition, Advanced Machine Learning, Cognitive Modeling, Big Data, Multi Agent Learning, Natural Language Processing, Human Centered Machine Learning.

B.Sc. in Artificial Intelligence – Cum Laude, Average Grade: 8.0

SEPTEMBER 2018 - AUGUST 2020

Thesis: *"Self-sacrificial Behavior in Information Cascades"*, Grade: 8.5/10. Explored the exploration/exploitation trade-off in a multi-agent setting.

Key Courses: Logic, Cognitive Sciences, Modeling and Programming, Adaptive Systems, Computational Linguistics, Machine Learning, Data Structures and Algorithms, Mathematics for AI, Intelligent Systems, Modal Logic, Sensation and Perception, Computational Intelligence.

B.Sc. in Medicine, Average Grade: 7.0

SEPTEMBER 2015 - AUGUST 2018

Completed a medical internship in Surgery and Internal Medicine at the St. Antonius Hospital (Nieuwegein & Leidsche Rijn).

Elective Courses: Stroke, Circulation & Blood Vessels.