



Akina

New

Machine Learning Engineer

 Zürich, Switzerland (hybrid)  Employee  Data Processing, Data Engineer

 CHF 80'000 to CHF 95'000 / year

At Akina, we believe in the power of connecting patients and physiotherapists beyond the clinic. Together, we can pave the path to better and beyond by guiding every move.

For an R&D project with our research partner ETH Zurich, we are looking for a machine learning engineer to work on the core magic that enables interactive therapy at home. After the initial 1-year project contract, the position can be extended to a permanent, full-time position.

Tasks

In year 1, candidates will be employed at ETH Zurich. With strong performance reviews, candidates can seamlessly transition to employment at Akina for year 2 and afterward. Tasks are

- Designing and developing machine learning models for the recognition and analysis of human motion based on RGB-camera data
- Managing and augmenting Akina's proprietary real-world and synthetic data sets
- Testing and validating machine learning models using remote experiment tracking tools (NeptuneAI, W&B)
- Collaborate with other engineers and movement scientists on a cross-disciplinary team

Requirements

Must-haves

- Deep understanding of machine learning and computer vision
- BSc degree or higher in computer science, mathematics, engineering or similar
- Experience in professional machine learning operations, e.g. model versioning, testing, deployment, performance monitoring
- Experience with code and data version control systems (Git, DVC)

- Language skills: English (advanced level), other languages are an advantage
- You are a team player and work goal-oriented
- Preferred starting date: as soon as possible

Nice-to-haves

- MSc or PhD degree, preferably from ETH Zurich or EPFL
- Experience with human pose estimation and/or activity recognition

Benefits

- You take real responsibility from day one. For your future, there is unlimited scope for personal growth
- Unique chance to directly shape the market launch of a medical AI software product, as part of a young and ambitious team
- Offices (ETH and Akina) located in central Zurich area, close to sports facilities and the river Limmat
- Regular team outings, company off-sites, and much more


If you have read up to this point, we hope you are excited about this opportunity to work at Akina!

Following Swiss Labor Law, we give priority to applicants from candidates with a valid Swiss work permit or Swiss or EU/EFTA citizenship for this position.

Akina is advertising this position on behalf of the Sensory-Motor Systems Lab at ETH Zurich. Please note that applications submitted by recruitment agencies cannot be considered.



Akina

 11-50 employees

 Technology, Information and Internet

Akina is leading the world to embrace movement's full potential through AI-enhanced physiotherapy.

 Website

 LinkedIn

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