

# CV/ML Engineer - Internship (x/f/m) - Remote

## Who are we?

Meshcapade is the 3D digital human company. We are creating realistic human avatars for use in apparel, games, fitness, AI, and augmented reality. Using machine learning and computer vision, we model the nuances of human body shape and movement. We automatically convert photos, 3D & 4D scans, RGB-D sequences, Mocap and even words into realistic 3D humans. We are a spin-off from the Max Planck Institute for Intelligent Systems in Tübingen, Germany and our products are powered by state of the art, patented research. Our core product, Meshcapade Me, is an online platform for the creation, animation, and use of 3D digital humans. Our clients run the gamut of global names; a broad mix of tech, media, health and fitness, apparel, and education.

Working closely with the R&D team, you will have the opportunity to contribute to how we are changing the way in which people think about, generate and make use of digital humans.

## What you will be doing:

- Support the R&D team to develop new ML methods in the areas of markerless motion capture, human motion understanding from language, synthetic data generation, digital clothing etc.
- Help with ongoing research projects
- Coordinate with your mentors and the wider engineering team to help productize the latest research

## Who you are:

- Master's or PhD degree in computer science or related field
  - Experience with 3D computer vision and Deep Learning libraries (pytorch, tensorflow)
- Bonus Skills
- Knowledge of the SMPL family of statistical models
  - Experience with Unreal Engine/Blender/Unity etc.

## What we offer:

- An entrepreneurial team passionate about creating the technology to power the world's avatars;
- Opportunity to work with an internationally diverse team;
- Great perks (autonomy, flexible working hours, and team events).

*Diversity isn't just a statement at Meshcapade, it sits at the core of the company.*

*We believe in the diversity of thought because we appreciate that this makes us stronger. Therefore, we encourage applications from everyone who can offer their unique experience to our collective achievements.*

Apply here: [job@nekar-hub.com](mailto:job@nekar-hub.com)

Your contact person is Naureen Mahmood

We are looking forward to receiving your application!