

# Sleepiz



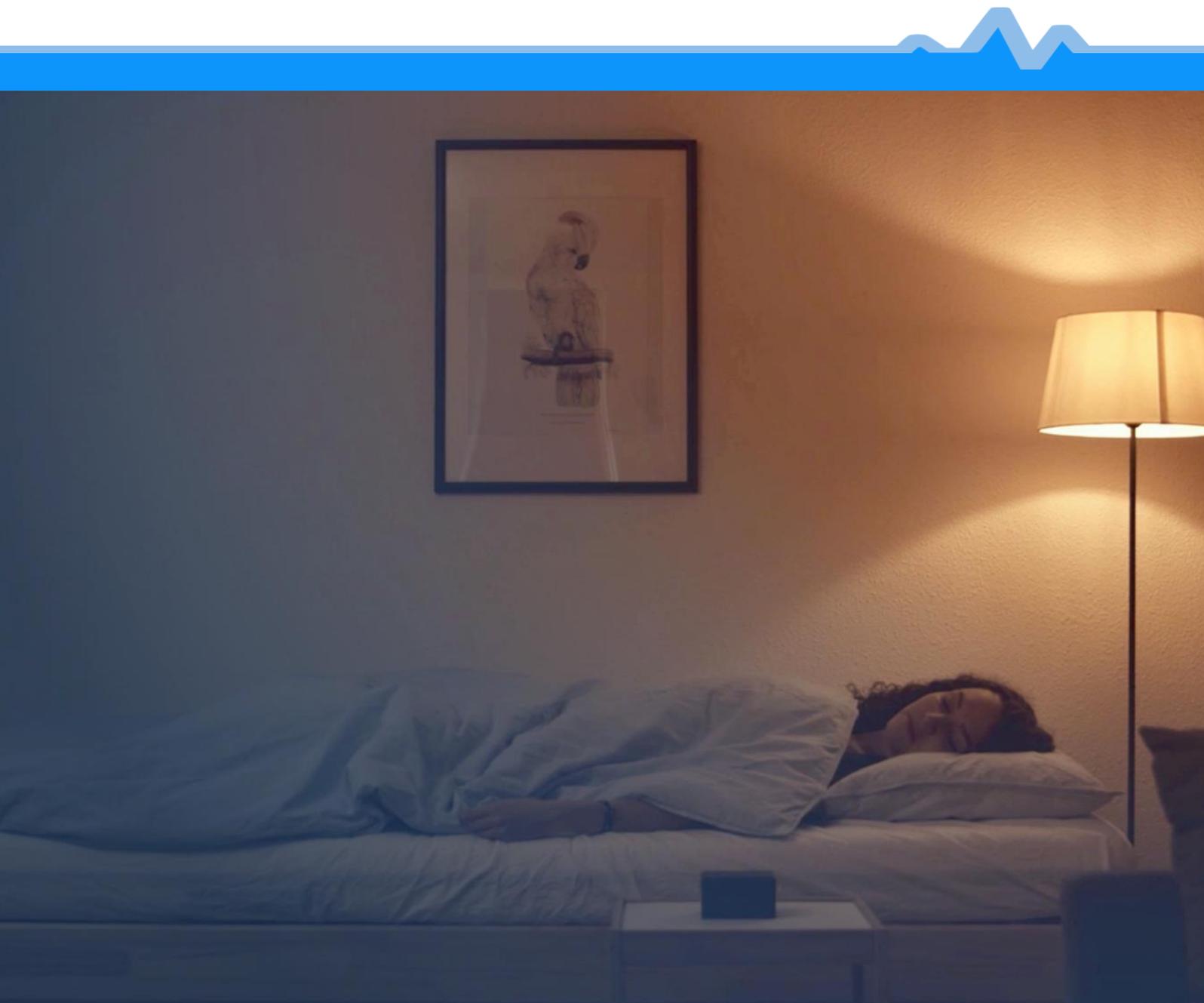
Touching lives without touching

## WE ARE HIRING!

SENIOR ML ENGINEER / RESEARCHER (100% REMOTE)

2020

Zähringerstrasse 22 | 8001 Zurich | Switzerland





## Who are we?

Sleepiz AG (Ltd.) is a Zürich based startup with the aim to enable the medical community to take healthcare into the home environment. Sleepiz is the winner of the EIT Venture award (2019), Venture.ch in digital health (2019), DeVigier (2019), EU – H2020 Seal of Excellence (2019), Start Summit (2019), EIT award in digital health (2018), Innosuisse (2018), EU – H2020 SME Phase 1 (2018), silver winner in the Mass Challenge Switzerland (2017) Accelerator program and is ranked as the most promising digital health startup in Europe.

## What you will do

You will work within the data science team to devise scalable and reproducible end-to-end machine learning solutions for sleep analytics. Your main focus will be research and development, combining dynamic experimentation, a passion for details and a fail-fast attitude. You will also be responsible for translating research output to production systems, in close collaboration with the software team and other stakeholders. Finally, given your key role within the team you will have the opportunity to mentor and inspire junior data scientists/interns.

## Who you are

### Minimum qualifications

- You have a master's degree in a quantitative discipline (e.g. physics, computer science, mathematics, computational biology)
- You have 4+ years industry (R&D) experience in designing, prototyping, and implementing scalable and reproducible end-to-end machine learning solutions (from research to production). Candidates with an academic background and a strong record in applying machine learning to real-world datasets are equally encouraged to apply
- You have expert knowledge of Python and are familiar with at least one deep learning framework (e.g. Tensorflow, Keras, PyTorch)
- You have a high degree of independence and an aversion to micromanagement
- You thrive in interdisciplinary environments and have excellent cross-team communication abilities. In particular, you are able to clearly convey technical concepts at a level appropriate for technical and non-technical audiences
- You are curious, inquisitive, collaborative, with a deep appreciation for diversity
- You are fluent in English (full professional proficiency)



## Preferred qualifications

In addition to the minimum qualifications above:

- You have a doctorate degree in a quantitative discipline (e.g. physics, computer science, mathematics, computational biology)
- You have a solid understanding of the foundational theory underlying machine learning (e.g. linear algebra, probability theory and numerical optimization)
- You have expert knowledge of at least one additional scripting languages (e.g. R) and of bash/shell scripting. Experience with hybrid R/Python frameworks and object-oriented programming is considered a plus
- You have demonstrated experience with building deep learning models (real-world project portfolio and/or publications)
- You have educated opinions about the designs of ML solutions, both from formal education as well as real-world experience. You are able to clearly and effectively expose such opinions and concepts to other team members and are a strong proponent of constructive dialogue
- You take pride in developing ML solutions and in documenting the data products you build together with the team
- You have experience with processing, analyzing and modeling sensor data/time series data
- You are familiar with cloud computing and development/test/production environments
- You are familiar with experimental design

EU/UK residents seeking a full-time remote position are strongly encouraged to apply. Sleepiz is an active proponent of gender equality in STEM. Female candidates are strongly encouraged to apply.

## What we offer

We are a dynamic, interdisciplinary, highly skilled team that is passionate about sleep. We foster a fun and energetic start-up culture in a relaxed environment. As a part of our dedication to the diversity of our workforce, we offer flexible working hours together with a high degree of self-responsibility and freedom. We provide performance-oriented compensation and equity ownership.



## Your application

Do you feel like your skillsets match our needs?  
Do you have what it takes to join our young and dynamic team?

Do you want to be part of the ground floor of a company  
that is going to take the sleep industry by storm?

Send over your CV and cover letter to  
[career@sleepiz.com](mailto:career@sleepiz.com)!

## Contact

**Ankita Arora**  
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