## Fraunhofer Heinrich-Hertz-Institut

**Fraunhofer HHI**

The Fraunhofer Heinrich Hertz Institute (HHI) is one of the world's leading research institutes for mobile and stationary communication networks and for the key technologies of the future. We have consistently focused our areas of expertise on current and future market and development requirements.

# Student Assistant in Applied Machine Learning

City: Berlin; Starting date (earliest): At the earliest possible; Duration: The position is initially limited to 12 months. An extension is explicitly desired.; Remuneration: According to TVöD; Reference number: 80384; Closing date: 31/08/25

## Working field

• Testing new foundation model architectures for weather and climate applications
• Analysis and preprocessing of climate- and weather data modalities, such as time series, image data, texts- and numeric data, especially remote sensing or radar data
• Orchestration and documentation of Deep Learning experiments
• Processing and visualization of large amounts of data
• Review of relevant literature and data
• Testing software and frameworks

## Requirements

• Study of mathematics, computer science, physics, engineering or similar with good to very good grades
• Strong programming skills in Python with knowledge of frameworks such as NumPy, Pytorch, Pandas etc.
• Experience and confidence in using Linux (Ubuntu) via terminal
• Advanced knowledge in Machine Learning
• Motivated in writing clean and tidy code (implementation, testing, documentation, versioning with git)
• Affinity for technologies
• Curiosity about a deeper understanding of Deep Learning architectures
• Interest in the intersection of AI and climate science

**What we offer**

• Fascinating challenges in a scientific and entrepreneurial setting
• Attractive salary
• Modern and excellently equipped workspace in central location
• Great and cooperative working atmosphere within an international team
• Opportunities for writing a master's or bachelor's thesis
• Flexible working hours
• Opportunities to work from home

The position is initially limited to 12 months. An extension is explicitly desired.

**Application**

Closing date: 31/08/25
Reference number: 80384
Contact person: Dr. Jackie Ma

By internet: https://jobs.fraunhofer.de/job-invite/80384/

More information at https://stellenticket.de/196896/HTWB/
Offer visible until 31/08/25

Stellenticket