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/ Spatio-temporal Data Mining

City: Berlin; Starting date (earliest): At the earliest possible; Duration: The position is initially limited to 1 year. An extension is explicitly desired.; Remuneration: According to TVöD; Reference number: 80162; Closing date: 15/07/25

Working field

• Testing new deep learning architectures and orchestration and documentation experiments
• Analysis and preprocessing of different data types (time series, graphs, images, matrices)
• Processing and visualization of huge amounts of data
• Preparation of presentations and applying science in exciting projects
• Review of relevant literature and data
• Testing software and frameworks
• Writing academic articles or reports

Requirements

• Study of mathematics, computer science, geoinformatics, physics, electrical 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 the terminal
• Advanced knowledge in the area of Machine Learning
• Excitement about clean and tidy code
• Affinity for technologies
• Conscientiousness in implementing, testing, and documenting algorithms
• Curiosity about a deeper understanding of deep Learning architectures
• Experience in academic writing is an advantage

What we offer

• Fascinating challenges in a scientific and entrepreneurial setting
• Attractive salary
• Modern and excellently equipped workspace in a central location
• Great and cooperative working atmosphere in an international team
• Opportunities to write a master's thesis (depending on topic suitability)
• Flexible working hours
• Opportunities to work from home

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Application

Closing date: 15/07/25
Reference number: 80162
Contact person: Dr. Ximeng Cheng

By internet: https://jobs.fraunhofer.de/job-invite/80162/

More information at https://stellenticket.de/196113/HTWB/
Offer visible until 15/07/25