



NEC Laboratories Europe research and develop cutting-edge technology to create innovative social solutions. Researchers choose their projects, lead scientific discovery and are consistently published in top, peer-reviewed scientific papers. NEC Laboratories Europe technology promotes NEC Group solutions for a better society in the fields of digital health, communication infrastructure, safer cities and public services. For more information visit <https://www.neclab.eu>.

NEC Laboratories Europe has an immediate opening for a

(Senior) Research Engineer

in the field of machine learning

[ref: 2204-432-HAI]

As Research Engineer you will transform and extend machine learning research prototypes into stable software with real-world impact. You will also be involved in setting up and running human evaluation experiments for AI algorithms and write patent applications.

You will be a member of the human-centric AI group, where you will support our vision to develop methods for human-AI collaboration. To reach our vision, we currently focus on two research areas: (1) explainable AI, so humans can understand predictions of AI systems; (2) natural language processing, so systems can understand human text and communicate with humans.

We are an international team of researchers with a track record of producing top-tier research and we publish regularly at conferences.

At NEC Laboratories Europe, we provide a collaborative, team working environment that supports your career aspirations. Our working language is English. The position is initially limited to two years.

NEC Laboratories Europe is located in Heidelberg, one of Germany's most beautiful and idyllic towns. The city and the surrounding Rhein-Neckar region offer many exciting cultural and outdoor activities.

Please send your application **15 June 2022** electronically via the applications web system <https://www.neclab.eu/join-us> with reference to **[2204-432-HAI]**.

Work Objectives

- Develop research prototypes into stable software frameworks
- Code new functionalities required to customize the software for business applications
- Support and believe in our vision to enable human-AI collaboration to empower society

Desired Skills and Experience

- Proficiency in: Python is a must; script languages (HTML5, Bash) is desired; C++ is a plus
- Knowledge of machine learning and libraries such as PyTorch and Tensorflow
- Strong background in software engineering, including Git repository maintenance, design patterns, unit test writing, continuous integration. Experience is demonstrated via industrial internships or work experience.
- Passionate about bringing research into applications with an entrepreneurial spirit
- Experience with explainable AI and/or Natural Language Processing is a strong plus

Candidates with a M.Sc. or Ph.D. in Computer Science, or a closely related field. Applicants are encouraged to submit or link code samples from past projects.

For questions, please contact:

Dr. Carolin Lawrence / Manager
Tel. +49-6221-4342-227