

NEC Europe Ltd. is a subsidiary of NEC Corporation, a world leader in the computer and communications market with a large base of R&D Laboratories in Japan, China, USA, and Europe.

NEC Laboratories Europe has an immediate opening for a

Researcher for Machine Learning

[ref: 1711-268-CST]

NEC Laboratories Europe is the European research center of NEC Corporation, a world leader in the computer and communications markets. Top researchers from more than 20 countries develop, pilot and bring to reality computing, networking, security and data science technologies through open innovation.

We are looking for a Senior Researcher / Research Scientist in the field of Machine Learning, specifically Reinforcement Learning for optimization applications. Our work ranges from foundational research and IPR creation to prototyping towards commercial exploitation.

Your task will be to focus on development and implementation of novel Reinforcement Learning (RL) algorithms for industrial application domains, in particular RL for control applications, safe exploration and dynamic optimization. It includes the evaluating and comparing RL algorithms with existing real-world applications as well as creating new applications.

We support individual creativity, strong teamwork as well as scientific publications. English is the working language in the Laboratories. Initially, this position is limited to two years.

NEC Laboratories Europe is located in Heidelberg - one of Germany's most beautiful and idyllic towns. Our offices are minutes away from the historic downtown of Heidelberg.

If you are passionate about innovation, driven by challenges, and ready to bring your ideas from concepts to reality, we'd like to hear from you.

Please send your application **by 15 January 2018** electronically via the applications web system <http://www.neclab.eu/jobs> with reference to **[1711-268-CST]**.

Desired Skills and Experience:

- Broad knowledge of machine learning algorithms and principles of data science
- Research experience (3+ years) in developing Reinforcement Learning technologies
- An excellent top-tier publication record in machine learning
- Strong programming and prototyping skills in artificial intelligence and machine learning algorithms and applications.
- Strong publication record at top-tier machine learning venues
- Skills in scripts (Python is a must) as well as C/C++, Java, Matlab.
- Enthusiasm for AI applications, software and prototyping new ideas
- Strong team player and ability to define personal research roadmap
- Strong English skills, motivation to work in an interdisciplinary and international team

Candidates with PhD in computer science, robotics, engineering, math, physics or a comparable degree are preferred.

Applications should include two recommendation letters and preferably a sample code from a past project that you have been involved in.

Contact: Amardeo Sarma / General Manager
Tel. +49-6221-4342-0 <http://www.neclab.eu/jobs>