

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

Research Scientist/Senior Researcher in Machine Learning

[ref: 1703-235-ITS]

We are looking for a (Senior) Research Scientist to join us and develop machine learning algorithms to solve real-world problems. Our team brings supervised learning methods into solutions for transportation. We also look at other key applications of predictive analytics. Our work ranges from foundational research and IPR creation to prototype development for transfer to NEC products and services

You will develop, implement and validate algorithms in agile prototypes, support real-world trials and transfer technology into solutions and services, produce patents, write and present high-impact publications. Initially, the position is limited to two years.

NEC Laboratories Europe is located in Heidelberg - one of Germany's most beautiful and idyllic towns. The area offers a number of exciting cultural, entertainment, and outdoor activities. Top researchers from more than 20 countries develop, pilot and bring to reality computing, networking, security and data science technologies through open innovation.

If you are passionate about innovation and ready to bring your ideas from concepts to reality, we would like to hear from you.

Please send your application **by 15 May 2017** electronically via the applications web system <http://www.neclab.eu/jobs> with reference to [1703-235-ITS].

Desired Skills and Experience:

- Strong publication record at top-tier ML venues (KDD, IEEE ICDM, ICML, ECML/PKDD, IJCAI, Machine Learning, JMLR, IEEE TKDE, ESWA);
- Substantial experience with supervised learning methods on structured data and data streams;
- Broad knowledge of different ML paradigms;
- Proficiency in R or Python. Good knowledge of at least one OOP language (C++, Java, Scala);
- Record of early developments up to (at least) working system-level prototype on a relevant application industry is a plus;
- Familiarity with data analytics using distributed processing platforms (e.g. Hadoop/Spark) and/or cloud environments (e.g. AWS) is a plus;
- Proven research results on mobility data mining is a plus;
- Real-world problem solving, hands-on mentality;
- Excellent communication skills in English;

We expect a Ph.D. in Computer Science/ML/AI, Statistics or related fields (or M.Sc. plus equivalent experience).

Please submit or link code samples from past projects as part of your application material.

For questions, please contact:

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