



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 an

Internship or Master Thesis on “Data Science for Digital Health”

[ref:2017-12-67-SML]

NEC Laboratories Europe (NLE) has been participating in several research projects on digital health. In particular, our data science group combines multiple modalities of data, including demographics, imaging, genetics and medical history, to make clinically-relevant predictions. These predictions lead to more informed health care decisions and, ultimately, improved patient outcomes. NLE is looking for a student to carry out an internship at our premises in Heidelberg, Germany. The focus will be on applying and extending our state-of-the-art machine learning algorithms on real-world clinical data.

The internship includes the following work items:

- Extending existing algorithms to handle new types of data
- Evaluating algorithms on real-world clinical datasets
- Developing interpretable machine learning algorithms for health care

NEC Laboratories in Heidelberg (Germany) provides an excellent working environment supporting individual creativity as well as strong teamwork. Our working language is English.

Please send your application via the following webpage: <http://www.neclab.eu/jobs/> with reference to [1712-67-SML].

Required Skills:

- Basic knowledge of machine learning. Experience in the biomedical domain is not required but is a plus.
- Hands-on experience with Python or a similar programming language
- Familiarity with machine learning frameworks such as scikit-learn. Familiarity with distributed computing frameworks such as Dask or Spark is a plus.
- Good English communication skills

Benefits:

- Early exposure to modern data science approaches to health care
- Excellent opportunities to obtain experience in an industrial research environment
- Opportunity to publish papers in international conferences and journals
- Competitive compensation

Preferred starting date:

Any time starting from January 2018

Duration:

6 months

For questions, please contact:

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<http://www.neclab.eu/jobs.htm>