The Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB) as nationally and internationally acting institute is researching at the interface of biological and technical systems. Our research is aimed at sustainable intensification. We analyze, model and evaluate bio-economic production systems. We develop and integrate new technologies and management strategies for a knowledge-based, site-specific production of biomass, and its use for food, as raw materials and fuels - from basic research to application. Thus we are contributing to food security, animal welfare, the holistic use of biomass, and to protect the climate and environment.

The computer science junior research group „Data Science in Agriculture“ at the ATB studies intelligent data analysis and machine learning methods and their application to research questions in agricultural technology and bioeconomy. We are looking for a

Scientist in Machine Learning / Deep Learning. (m/f/d) (65 %)

Your responsibilities
- Development of novel machine learning methods, especially in the area of deep learning
- Application of existing state-of-the-art machine learning methods to problems in agricultural technology and bioeconomy research
- Publication of research results in high-ranking computer science conferences as well as joint publications with researchers from other fields studied at ATB in leading journals from agricultural technology and bioeconomy

Your qualifications
- Master’s degree with excellent grades in computer science or a related field such as mathematics or physics, as well as demonstrable interest in and knowledge about machine learning methods
- Ability to work independently on challenging research questions
- Programming experience, ideally in Python or Matlab
- Interest in interdisciplinary research
- Very good written and spoken English skills

We offer
- opportunity to pursue a doctorate
- an attractive, scientifically excellent, and interdisciplinary working environment
- very good opportunities to further develop your scientific career
- family-friendly working conditions that foster the compatibility of work and family life

The salary is defined according to the German public service scheme E13 TV-L (65%). This part-time-position is limited to three years. For further information please contact Dr. Niels Landwehr (nlandwehr@atb-potsdam.de) and visit our website www.atb-potsdam.de.

If you would like to participate in our interdisciplinary research, please send your complete application, including curriculum vitae, grade transcripts, possibly relevant publications, and copies of certificates by email in one pdf document to karriere@atb-potsdam.de quoting the reference number 2019-DS-1.

Equality of opportunity is part of our personnel policy. Disabled applicants with adequate qualification will be preferentially considered.

With your application for employment you declare your agreement to store your application documents for at least three months even in case of an unsuccessful candidacy.

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