Munich, June 9th 2020

Open Postdoctoral Fellowship Position
for AutoML / Bayesian Optimization / Algorithm Configuration
at the Chair of Statistical Learning and Data Science

The Chair of Statistical Learning & Data Science at Ludwig-Maximilians-Universität in Munich, led by Prof. Dr. Bernd Bischl, in close cooperation with the Fraunhofer IIS ADA Lovelace Center, is looking for outstanding applications for a postdoc position.

About the Chair of Statistical Learning and Data Science

The Chair of Statistical Learning and Data Science is a member of LMU Munich Department of Statistics, led by Prof. Dr. Bernd Bischl. The group conducts research broadly in supervised machine learning, e.g., in boosting, random forests and deep learning, but is also specialized on meta-topics like model- and feature selection, AutoML and interpretable ML. Prof. Dr. Bischl is also a director of the Munich Center for Machine Learning (MCML), one of Germany's recently established national competence centers for machine learning, which will bundle a larger portion of the ML activities at the LMU. In addition, Prof. Dr. Bischl leads the Munich branch of the ADA Lovelace Center for applied Data Science in cooperation with Fraunhofer IIS.

About the ADA Lovelace Center

To meet the growing demand for data analytics expertise by the industry and to foster the translation of latest machine learning research into practice, Fraunhofer IIS has forged close contacts with LMU and other Bavarian universities. Fraunhofer IIS's network of industrial and research partners forms the ideal foundation for this project's success. By concentrating expertise in the ADA Lovelace Center, the institute will be able to offer companies sustainable solutions for improving their business processes fusing industrial needs with academic research. Advantages include shorter response times to changed process or customer requirements, higher-quality decision-making, the creation of new business fields and models for data-driven services, direct access to innovative product ideas, and the availability of skilled young experts.

Dienstgebäude
Ludwigstr. 33, Zi. 341
80539 München

Öffentliche Verkehrsmittel
U-Bahn, Linien U3 und U6
Haltestelle Universität

Bayerische Landesbank München
Kto. 24 868 BLZ 700 500 00
USt-IdNr. DE 811 205 325

Your Profile

- Ph.D. in statistics, machine learning, biostatistics, computer science or a related quantitative field
- Excellent knowledge of machine learning and statistics
- Strong programming skills (R or Python or C++) and optimally experience in working with high-performance computation clusters for benchmarking
- Excellent academic publication track record in relevant machine learning journals and conferences
- Strong communication and interpersonal skills, professional and confident communication with industrial partners is a strong plus
- **Strong interest in Automated Machine Learning, Algorithm Configuration, Meta Learning and Bayesian Optimization**
- Eagerness to support and supervise a team of highly motivated Ph.D. and graduate students, first experiences in team leadership is a plus
- Fluency in written and spoken English

What we provide

- Excellent academic environment and a team that is both highly skilled and highly motivated
- Personal contact with industry partners that apply machine learning in practice via the ADA Lovelace Center
- Life and work in Munich, Germany's most vibrant city with a very active machine and deep learning community
- Access to state of the art high-performance computing clusters within LMU as well as Fraunhofer IIS

How to apply

- A short statement letter promoting you as the ideal candidate for the position (~1 page)
- A detailed CV, with special focus on: obtained degrees, taken classes in relevant topics, publications, programming skills and projects, track record

The university is an equal opportunity employer. Handicapped applicants will be given preference in the case of approximately equal qualifications. LMU Munich is interested in increasing the number of female faculty members and strongly encourages women to apply.

Interested applicants should send the necessary documents in a single *PDF* document via email to: Juliane.Lauks@stat.uni-muenchen.de quoting "Postdoc Application, ADA Lovelace Center" in the email subject line. The position will remain open until filled and only shortlisted candidates will be notified. The start date is as soon as possible, but negotiable.

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