



FRIEDRICH-ALEXANDER  
UNIVERSITÄT  
ERLANGEN-NÜRNBERG  
TECHNISCHE FAKULTÄT



MACHINE LEARNING  
& DATA ANALYTICS

## Postdoc Position in Machine Learning and Data Science

The Machine Learning and Data Analytics (MaD) Lab at the Friedrich-Alexander University Erlangen-Nürnberg (FAU) invites applications for a Postdoc position in Computer Science. The position is open-topic within the scope of theoretical and applied research in Machine Learning and Data Science. Research goals can be proposed in the job application or defined after an initial boarding phase. Possible fields of research could be but are not limited to:

- Machine Learning models for temporal data (e.g. event sequences)
- Anomaly and outlier detection
- Robust and adversarial machine learning
- Application to domains like Industry 4.0 and healthcare

The MaD Lab collaborates closely with other departments and the university clinics at the FAU as well as companies to foster scientific innovation in real-world challenges. To further extend the research efforts in these directions, to mentor (PhD) students working in these areas, to support acquiring research funding, and to conduct self-motivated research, the MaD Lab is inviting applications for a Postdoc position.

### Work Environment

The MaD Lab is part of FAU, which is one of the largest universities in Germany. With its five faculties, FAU offers a scope of subjects ranging from the Humanities to Law and Economics as well as Sciences, Medicine and Engineering. FAU's mission statement "Advance through Networks" reflects the close collaboration between the single disciplines. FAU has been ranked the most innovative university in Germany for the third year in a row.

The MaD Lab at FAU researches machine learning algorithms and ubiquitous computing systems. The motivation of the MaD Lab researchers is to contribute to applications in real-world settings. Detailed information on ongoing projects is available on our website, via our publications and upon request.

### Requirements:

Candidates for this position should have a doctorate (or submitted dissertation) in Computer Science or a related discipline (Medical Engineering, Software Engineering, ...) with strong background in ML, AI or data science. The ideal candidate shows strong enthusiasm about conducting original research as well as teaching and mentoring of (PhD) students. She or he is similarly passionate about acquiring research funding and establishing projects with industry partners. The candidate is expected to be able to work self-organized and independently.

### Employment details and contact for application/questions:

The employment start date is as soon as possible. Funding is available for at least 36 months, an extension is possible. Successful candidates will be paid according to 100% TV-L E13. Prospective applicants should apply with a cover letter and academic CV. Applications will be accepted until the position is filled.

Contact: Prof. Bjoern Eskofier ([bjoern.eskofier \(a t\) fau.de](mailto:bjoern.eskofier@fau.de))

Website: <https://www.mad.tf.fau.de>