

Heilbronn, 06.02.2024

Job Opportunity

(Part-time)

The Finance Research Group at the Center for Digital Transformation of the TUM School of Management, Campus Heilbronn, Prof. Dr. Sebastian Müller invites applications for the position of an

AI- Scout (m/f/d).

We are looking for motivated students interested in supporting AI-related research and teaching activities from April 2024 to September 2024, for 8/9 hours per week. This unique role, ideal for those keen on the applications of AI in finance, involves assisting our group in research to advance the use of AI in financial studies. On the teaching front, you would explore how AI can be integrated to enhance educational quality through innovative methodologies. Additionally, the role involves investigating how AI can streamline internal processes, such as automating the summarization of group meetings, to increase efficiency and productivity. This position is perfect for students eager to dive into AI applications within both research and educational contexts, offering hands-on experience in a dynamic, interdisciplinary environment.

Responsibilities may include:

Support in AI Tools and Technologies: You will be responsible for providing essential technical support in the use of state-of-the-art AI tools and technologies. This may include guidance on prompt engineering, as well as regular updates on new (language) models.

Support in Data generation for AI: Engaging with the latest AI tools, the AI Scout contributes to the research group by generating training datasets that may be used for fine-tuning models with respect to different use cases.

Assistance in Preparing Research Findings: You will assist in the preparation of AI-related research findings. This involves creating visualizations, tables and aiding in the development of presentations, thereby effectively communicating complex research outcomes.

We welcome applications from motivated students of all fields, either bachelor or master. We are open to applications from **students of all disciplines and locations**. We offer a part-time position during the semester, i.e. either one full working day or two half-days per week. During the semester break, working hours can be organized flexibly.

Requirements:

- Responsible, accurate, and team-oriented way of working
- Mastery of MS Office – Word, Excel, PowerPoint
- Above-average examination results
- fluent in English (German is beneficial but not a must)
- Programming skills in at least one of the following: Python, Matlab, R, Stata
- Experience with (different) large language models and their accessibility via APIs
- Proficiency with databases like Bloomberg, Refinitiv would be a plus

We offer:

- Flexible working hours & location
- Opportunity to apply and deepen your skills in financial research
- An attractive, international work environment

Did we catch your interest?

Please send your application (motivational statement, CV, transcript of records, certificates including A-levels certificate) via e-mail to Dr. Karoline Bax, TUM School of Management, Finance Research Group, Campus Heilbronn, D-74076 Heilbronn. For further information concerning this job offer please also contact:

Dr. Karoline Bax

Tel.: +49-(0)713126418-826

E-mail: karoline.bax@tum.de

The application deadline is (midnight on) Monday, the 29th of February 2024.

TUM strives to raise the proportion of women in its workforce and explicitly encourages applications from qualified women. Applications from disabled persons with essentially the same qualifications will be given preference.

As part of your application, you provide personal data to the Technical University of Munich (TUM). Please view our privacy policy on collecting and processing personal data in the course of the application process pursuant to Art. 13 of the General Data Protection Regulation of the European Union (GDPR) at <https://portal.mytum.de/kompass/datenschutz/Bewerbung>. By submitting your application, you confirm to have read and understood the data protection information provided by TUM.

