

CAN I COMBINE SCIENCE AND BUSINESS IN A SINGLE JOB?

YES.

We'll show you how at Fraunhofer IIS.

Student Assistant –

Practical assistance with Data Science and Machine Learning projects

The group »**Data Efficient and Automated Learning**« of the Fraunhofer IIS has a strong focus on Machine Learning (ML) and its applications. We specifically focus on reducing the high manual configuration effort associated with ML development (Automated Learning) and the high cost of annotating sufficient data for ML development (Data Efficiency).

Your tasks:

- You will mainly support our team with research projects in the fields of Object Detection, Domain Adaptation or Transfer Learning: Conduct new research, summarize existing research or scientific writing
- You work on the development and maintenance of an extendable ML pipeline within a collaborative software team (e.g., implementing, tuning, and validating ML models in Python and specifically PyTorch)
- You perform classical data science tasks such as data exploration, data cleaning, data analysis and visualization
- You support in administrative tasks (client presentations, documentation)

Your profile:

- You are in the master's program or at the end of your bachelor's degree in Statistics, Computer Science, Mathematics, Data Science or comparable
- You have working knowledge of Python and especially in ML frameworks (PyTorch)
- You possess practical experience with handling and analyzing image and/or tabular data (preprocessing, analysis, visualization)
- You have good understanding of concepts in ML and Statistics
- You are interested in current ML research and have knowledge about it
- You show initiative and an independent way of working
- You have experience in collaborative software development or high interest to learn (git, CI/ CD, slurm)
- You have excellent English skills or excellent German skills and solid English skills

What you can expect from us

- **Flexible** working hours
- **Open, friendly** and **research-oriented** work environment
- **Varied** tasks with room for **creativity**
- **Extensive research network** with universities, other research institutions and industry partners
- **Active contribution** in applied research
- **Interesting** and **innovative** projects

If you have any questions about this opening, please contact Malte Kemeter: malte.kemeter@iis.fraunhofer.de

Weekly working hours are determined by agreement. You can start from now on (as a student assistant from **16 to 20** hours a week). You can reduce your hours before exams and increase them during semester breaks. You can flexibly determine the working days. After your studies, you have the option of working with us full or part time.

We would be happy to offer you the opportunity to write a bachelor's or master's thesis in cooperation with us in the above-mentioned subject area. The thesis will be assigned and carried out in accordance with the rules of your university. For this reason, please discuss the thesis with a professor who can advise you over the course of the project.

We value and promote the diversity of our employees' skills and therefore welcome all applications - regardless of age, gender, nationality, ethnic and social origin, religion, ideology, disability, sexual orientation and identity.

Interested?

Apply online now (PDF: cover letter, CV, transcripts). We look forward to getting to know you!

www.iis.fraunhofer.de/en

Requisition Number:65453

Application Deadline: none

Location: Munich

