

Intern (Praktikant) / Working Student at Ferdinand-Steinbeis-Institute (m/f/d)

Location: Heilbronn, Germany

Institute: Ferdinand-Steinbeis-Institute (FSTI), part of the Heilbronn AI Research Cluster

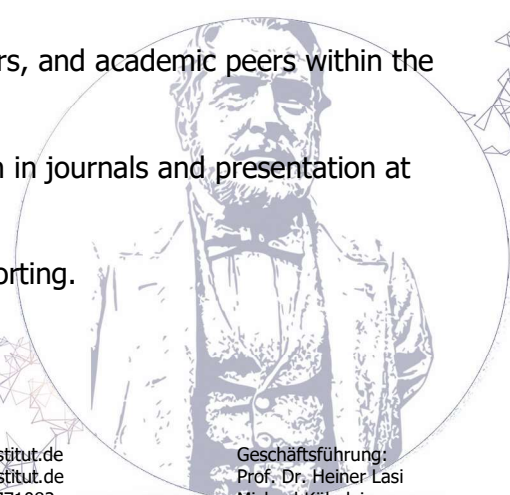
Position: Intern in GenAI Research for digital.auto and digital.industry

The Ferdinand-Steinbeis-Institute (FSTI) is a leading innovative research institute within the Heilbronn AI Research Cluster, renowned for pioneering advancements in artificial intelligence and digital transformation. Our mission is to drive innovation and development across various industries, with a significant focus on automotive and industrial solutions.

We are seeking a motivated and talented Intern to join our dynamic research team. The focus of the internship will be on applying Generative AI (GenAI) technologies to the **digital.auto** and **digital.industry** initiatives. This includes exploring innovative AI-driven solutions for the automotive and industrial sectors, leveraging GenAI to enhance ecosystem and business model development.

Key Responsibilities

- Assist in conducting cutting-edge research on the application of GenAI in automotive and industrial contexts.
- Support the development and analysis of frameworks for integrating GenAI into digital.auto and digital.industry projects.
- Participate in the design and implementation of AI-driven solutions for smart manufacturing and advanced mobility.
- Collaborate with researchers, industry partners, and academic peers within the Heilbronn AI Research Cluster.
- Help prepare research findings for publication in journals and presentation at conferences.
- Contribute to project documentation and reporting.



Qualifications

- Currently enrolled in a Bachelor's or Master's degree program in a relevant field such as Computer Science, Electrical Engineering, Industrial Engineering, Automotive Engineering, or a related discipline.
- Strong academic background with an interest in AI, automotive innovation, and digital manufacturing.
- Basic understanding of AI concepts, including machine learning and GenAI.
- Proficiency in programming languages such as Python or Java.
- Good analytical and problem-solving skills.
- Strong communication skills, both written and verbal, in English (German proficiency is a plus).

Preferred Skills and Experience:

- Previous internship or project experience in AI or related fields.
- Familiarity with automotive and industrial systems and technologies.
- Experience with data analysis and statistical tools.
- Basic knowledge of business model development and ecosystem analysis.

What We Offer:

- Opportunity to work on cutting-edge research in a leading AI research cluster.
- Collaborative and interdisciplinary research environment.
- Access to state-of-the-art facilities and resources.
- Guidance and mentorship from experienced researchers and industry experts.
- Hands-on experience in applying GenAI to real-world automotive and industrial challenges.
- Stipend and support for professional development.



Application Process:

Interested candidates should submit the following documents:

- A detailed CV including academic background and any relevant project or internship experience.
- A cover letter explaining your interest in the internship and relevant skills.
- Copies of academic transcripts.
- Contact information for at least one academic or professional reference.

Applications should be sent to dominik.morar@ferdinand-steinbeis-institut.de with the subject line " Intern Application – GenAI Research for Digital.Auto and Digital.Industry."

We look forward to your application!

Contact:

Dr. Dominik Morar
Bildungscampus 9
74076 Heilbronn
dominik.morar@ferdinand-steinbeis-institut.de

