Research / Development | Thesis | Neckarsulm | Published on 10/11/2026

Thesis - Automated Text Interpretation for Development Requirements (all genders welcome)

Work Environment

The Powertrain Development department at AUDI AG develops efficient and innovative drive systems. Clear requirements engineering helps the team optimize development processes and ensure high quality standards. During your internship, you will contribute to the development of modern knowledge retrieval systems based on large language models (LLMs). You will support the creation of intelligent interfaces connecting enterprise applications with modern artificial intelligence infrastructure.

Job Purpose/Role

- You develop an end-to-end approach for defining clear development requirements
- You integrate heterogeneous data sources and data types to extract and interpret relevant information from technical and functional requirements for use in artificial intelligence systems
- You generate a knowledge graph based on identified key information and create a structured requirements architecture
- You define embedding pipelines and indexing strategies and optimize data retrieval to support knowledge access using large language models (LLMs)
- You document integration processes and technical workflows

Key Requirements/Skills/Experience

- You are enrolled in a Master's degree program in an IT-related field, such as Business Informatics, Business Intelligence, Data Science, Computer Science, or a comparable field of study
- You have programming experience, for example in Python, and are familiar with data analysis libraries such as pandas and NumPy
- You have knowledge of retrieval-augmented generation (RAG), knowledge graphs, semantic technologies, text interpretation, and the development of large language model (LLM)-based applications
- You are familiar with technologies and approaches such as Model Context Protocol (MCP) servers, vector databases, and other semantic interfaces
- You demonstrate analytical and structured thinking and enjoy working with and interpreting large data sets

You will agree on your thesis period in close alignment with the department.

Additional Information

This position is available from 01/04/2027 at AUDI AG in Neckarsulm. Applications must be submitted in electronic form via our job portal.

Job profile and application:
www.audi.com/jobs
Reference Code: N-A-114268

If you have any questions, feel free to contact our career chat.

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