

CERTIFICATE OF ATTENDANCE



To acknowledge that

Gaëtan Fichet de Clairfontaine

attended

Foundations of LLM Mastery: Retrieval Augmented Generation

A blue cursive signature of 'Blaas' is positioned above the official name and title of the signatory.

Dr. Claudia Blaas-Schenner
Head of Learning Center
AI Factory Austria AI:AT
Vienna, 13 November 2025

Course: <https://events.asc.ac.at/e/LLM-rag-2025-11>
Level: Basic
Duration: 3 hours
Date: 13 November 2025

Certificate of attendance for Gaëtan Fichet de Clairfontaine

Foundations of LLM Mastery: Retrieval Augmented Generation

Retrieval Augmented Generation (RAG) is transforming the way language models provide contextually rich, accurate responses by integrating external knowledge retrieval. This 3.5-hour course offered an in-depth exploration of RAG techniques to enhance large language models with real-time, relevant information.

Through practical examples and exercises, participants gained hands-on experience in building RAG-powered applications, equipping them with the skills to deliver robust, context-aware LLM solutions for their projects.

During the course participants developed a foundational understanding of RAG techniques from the basics on to advanced and modularized approaches, enabling them to build their own, innovative applications.

Topics covered:

- RAG-enabled system design
- Data loading & text splitting
- Creating a tokenization server
- Implementation with LangChain
- Principles of prompting
- Hands-on exercises
- RAG pipelines

Course content level:

- Basic

Course format:

- Online lectures, demos, and hands-on labs of **3 hours** (breaks excluded)
- Equivalent to **0.125 ECTS** credits

Lectures taught by:

- Thomas Haschka (Campus IT / HPC, TU Wien)

Hands-on labs:

- Conducted on the Booster partition (A100 GPUs) of LEONARDO

Organized by:

- AI Factory Austria AI:AT

Course description:

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