

Certificate of Internship

This is to certify that Mr. **Ibrahim Habib** has successfully completed his internship at Technology Rivers from January 27, 2025 to April 14, 2025 . Under the guidance of our research team, he contributed to a project focused on Multi-modal Knowledge Construction, engaging in both theoretical study and practical implementation.

Ibrahim was engaged in multiple advanced tasks - reviewing literature on Knowledge Graphs, Graph Neural Networks, and multi-modal reasoning; analyzing the GNN-RAG repository; and exploring datasets. He successfully designed and built a structured knowledge graph using Neo4j, which included data preprocessing, graph modeling, Cypher query development, and quality validation.

Ibrahim consistently demonstrated strong analytical skills, initiative, and a solid understanding of advanced data representation techniques.

We wish him all the best in his future academic and professional endeavors.

Sincerely,

Zahid Aziz



Zahid Aziz

Chief Executive Officer

Dated: April 15, 2025