Zakaria Hansali

DATA SCIENCE STUDENT & AI RESEARCHER

France (Resident)
zaka.hansali@gmail.com
English Proficiency: Professional / Fluent
Portfolio: jilicuerda.netlify.app

> **Why I fit the "QA for AI Agents" role:**
> You are looking for "curious and intellectually proactive contributors" to evaluate complex task structures. As a Data Science student, I specialize in **LLM Evaluation**. I recently conducted a rigorous technical benchmark comparing inference engines (SGLang vs vLLM), which required deep logical testing, edge-case identification, and systematic validation of AI outputs.

Research & Critical Thinking Projects

LLM Inference & Logic Evaluation (R&D Project)
Independent Research

- **Context:** Investigating the performance and logic consistency of Large Language Models (LLMs) under high-load scenarios.
- **Critical Thinking:** Designed a testing methodology to compare two distinct architectures (vLLM vs SGLang). This involved questioning assumptions about memory management (PagedAttention) and validating results against theoretical maximums.
- **QA Mindset:** Identified edge cases where model latency spiked or output quality degraded, documenting these findings for technical review.

Data Quality Assurance Pipeline (Overwatch)
Data Engineering

- **Role:** Creating a system to validate unstructured telemetry data.
- **System Thinking:** Mapped out the entire logic flow of data from game logs to database. Detected and fixed logical inconsistencies (e.g., negative timestamps, duplicate entries).
- **Attention to Detail:** Ensured 100% data integrity before any analysis could be performed.

Strategic Team Management (E-Sports)
Team Lead

- **Scenario Analysis:** Analyzed complex game states to determine optimal strategies (Game Theory).
- **Evaluation:** Reviewed match performances to identify policy flaws in team coordination and implemented corrective logic.

Core Competencies

Analytical Skills
• System Thinking & Logic flow analysis
• Hypothesis Testing
• Edge-case Identification

Technical Context
• Understanding of GenAI / LLM concepts
• Python (for data validation)
• SQL (for querying logic)

Education

B.U.T. Statistics & Business Intelligence
2022 – Present | IUT des Pays de l'Adour, France

- Focus: Data Science, Logic, and Statistical Reasoning.
- Equivalent to Senior Undergraduate level (180 ECTS).