

THOMAS PERRIN

AI Data Trainer | Machine Learning Reasoning & Evaluation | LLM Alignment
Remote

PROFESSIONAL SUMMARY

AI Data Trainer specializing in **structured reasoning, decision-trace authoring, and human-in-the-loop AI alignment**. Background across **aeronautics quality systems, pedagogy, and process engineering**, with proven expertise in documenting **complex technical reasoning step by step**. Experienced in evaluating **intermediate reasoning for correctness, efficiency, and intent alignment**, identifying failure modes, and improving AI decision-making workflows. Fluent in professional English with extensive experience producing **high-precision documentation for international stakeholders**.

CORE SKILLS

- Structured reasoning & decision trace authoring
- Explicit intermediate reasoning steps
- AI training data creation & evaluation
- Human-in-the-loop AI alignment
- Reasoning efficiency optimization
- Decision logic & workflow decomposition
- Tool invocation policy (logic vs data)
- Error localization in reasoning chains
- Technical writing & documentation

- Cross-functional international communication

LLM REASONING & AI ALIGNMENT EXPERTISE

- Authoring structured reasoning traces capturing **goal definition, planning, and decision justification**
- Evaluating intermediate reasoning steps for **logical validity, completeness, and efficiency**
- Identifying reasoning failure modes including **false premise propagation** and **intent misclassification**
- Optimizing reasoning depth to balance **accuracy, resource usage, and user engagement**
- Applying generalized reasoning templates with **post-hoc verification** to avoid overfitting

PROFESSIONAL EXPERIENCE

AI Training & Reasoning Specialist — Remote / International

- Created **structured, step-by-step reasoning traces** for AI-assisted tasks involving complex logic and decision-making
- Evaluated AI-generated and human-authored reasoning for **correctness, efficiency, and alignment with intent**
- Improved reasoning workflows through identification and correction of **logic gaps and unnecessary steps**
- Contributed to **human-in-the-loop training processes** focused on reliability and explainability

Quality & Process Engineer — Aeronautics Programs (A320, A321, A330)

- Authored highly detailed **step-by-step control instructions** derived from complex technical documentation
- Built structured methodologies ensuring **consistent reasoning and execution** across multidisciplinary teams
- Analyzed manufacturing and quality workflows to identify **logic gaps, risks, and deviations**
- Converted operational instructions into **precise control logic** ensuring repeatable high-quality outcomes
- Delivered all documentation and technical communication in **English** for American customers

Training & Pedagogical Program Designer — International

- Designed structured learning programs based on **analytical evaluation of learner reasoning and progress**
- Authored **step-by-step pedagogical explanations** guiding learners through complex conceptual frameworks
- Evaluated comprehension quality and adjusted instructional logic to improve **reasoning clarity**
- Delivered **10+ years of one-to-one training** and multi-year group programs using formalized methodologies

Head of Human Resources — Process & Workflow Design

- Designed and optimized HR workflows using **explicit decision logic and structured reasoning**

- Authored procedural documentation to **standardize decision-making processes**
- Evaluated workflow effectiveness and refined logic to improve **consistency and outcomes**

TOOLS & METHODOLOGIES

- Lean systems
- AMDEC / PFMEA
- 8D / A3 problem-solving frameworks
- Structured spreadsheet-based analysis and tracking
- Microsoft Office & Google Workspace
- Quality, risk, and evaluation frameworks

EDUCATION & BACKGROUND

Background in **analytical reasoning, quality systems, and structured training**

Author with demonstrated ability to articulate **complex logical and philosophical concepts** in written form