ontologue

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Philosophy is all you need!

CYRIL SOLER-BONNET

Ontologist & Conceptual Architect

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POSITIONING

Still working on becoming a Leibnizian "philosophe à notions complètes" — which requires genuine independence and real-world experimentation. My career's broken line proves to be a Peano curve, gradually filling the entire AI plane. This unusual life has made me a fully functional ontologist.

I spent 20 years preparing to be an ontologist before the job title existed.

My present career goal: Become the AI industry's first Chief Philosophical Officer. Few have yet understood how necessary that is.

CURRENT FOCUS

Semantic Infrastructure Architect | Ontologue Agency | 2024-Present

- Architecting knowledge graphs for TUIO fintech platform (20,000+ users)
- Designing ontologies that bridge human concepts and machine reasoning
- Building RAG systems with semantic search capabilities
- Wikidata entity creation and Schema.org implementation
- Developing "chunk-friendly" documentation strategies for AI consumption

AI Conversation Designer | Gethybrid3 | 2024-Present

- 700+ hours training Claude AI on logical reasoning and knowledge representation
- Cross-domain conceptual mapping and inference patterns

INTELLECTUAL FORMATION

CAPES Philosophy | 1999

- Ranked 10th out of 3,000+ candidates
- French national competitive examination for secondary education
- Validates ability to make complex philosophical concepts teachable

Master's in Philosophy | Sorbonne, Paris | 1997

- Thesis: "*Deleuze expliqué par lui-même*" (Director: Hélène Védrine)
- Minor focus: Formal logic, propositional calculus, foundations of mathematics
- Deep dive into concept creation and philosophical system-building

Talmudic Studies | 1988-1995

- Yéchiva des étudiants, Strasbourg, France
- Yeshivat Slobodka, Bnei Brak, Israel
- Yeshiva Rabbi Chaim Berlin, Brooklin, New York
- Legal reasoning and hermeneutic induction across multiple interpretive frameworks

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APPLIED EXPERIENCES

Philosophical Publisher & Editor | Éditions Localement Transcendantes | 2019-Present

- Complete editorial chain mastery: from recreating obsolete mathematical notation to web implementation
- **Selected publications:**
    - Couturat's Les Principes des Mathématiques - Early critical synthesis of Russell and Frege's logicist program, with devastating critique of Kantian mathematics
    - Whitehead's Concept of Nature - Including first English translation of his 1916 relational space theory (required recreating extinct logical symbols...)
- Nature du Réel - Contemporary investigation of the epistemology of Physics
- Focus: Making foundational mathematical-philosophical texts accessible while preserving technical rigor

Industrial Worker of the World | 2001-2003

- Temporary industrial assignments across France (welder, maintenance tech, forklift operator)
- AFPA Rouen: Industrial maintenance training (electrical, mechanical, pneumatic, hydraulic systems)
- Crown Cork Company, Rouen | 2002 - Maintenance technician
- SPEIC, Issy-les-Moulineaux | 2002 - Welder-assembler
- Small-scale brick factory creation in Ayutthaya, Thailand | 2003 (family-scale implementation)

International Experience | 1994-2008

Teaching:

- Alliance Française, Chengdu, China | 2004 - French as Foreign Language instructor
- Lycée Jacques Prévert, Longjumeau | 1999-2000 - Philosophy teacher
- École Aquiba & Centre Eshel, Strasbourg | 1998-1999 - Philosophy teacher

Commercial:

- SENAS MATERIEL, Senas | 2007-2008 - Technical sales (plastering equipment)
- Luxembourg Bone & Tissue Bank (ISOS Sàrl) | 2005-2007 - Commercial & regulatory manager
- JRM Textile, Aubervilliers | 2004 - Sales representative

- Leybel Diamonds, New York | 1994 - Diamond broker

TECHNICAL CAPABILITIES

Ontology Engineering: OWL, RDF, SPARQL, SHACL (self-taught through W3C specifications)
Knowledge Representation: Wikidata, Schema.org, JSON-LD
Implementation: Git, VS Code, Cloudflare Workers, PostgreSQL + pgvector, Drizzle ORM
AI/RAG Systems: Embeddings, semantic search, chunk optimization, vector databases
Languages: French (native), English (bilingual), Hebrew (bilingual), German (elementary)

WHAT I BRING TO INDUSTRIAL ONTOLOGIES

Unique perspective from unusual path:

- Deep understanding of formal logic AND messy reality
- Experience with both abstract reasoning and concrete implementation
- Ability to see conceptual structures across radically different domains
- Comfort navigating incomplete information and contradictory requirements

Practical philosophy applied:

- Every industrial system has an implicit ontology - I make it explicit
- Knowledge graphs are Leibniz's *characteristica universalis* finally realized
- Digital twins need philosophers who've actually worked in factories

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SELECT PROJECTS

TUIO Semantic Infrastructure (2024-Present)

- Comprehensive ontology for educational payment ecosystem (20,000+ users)
- **263-page automated FAQ system** using RAG architecture with PostgreSQL/pgvector
- Successfully scraped and indexed 263 pages (170,000+ words) from 3 domains
- Wikidata entity creation for complete organizational ecosystem
- Building production-ready knowledge graph with Cloudflare Workers + Vectorize

Philosophical Technology Integration

- Building bridges between continental philosophy and computational ontologies
- Developing frameworks for "chunk-friendly" documentation
- Creating semantic layers for complex conceptual domains

PUBLICATIONS & INTELLECTUAL WORK

- Publisher/Editor: Critical editions linking philosophy, mathematics, and logic
- Translator: Making French mathematical philosophy accessible to English readers
- Current research: Documentation strategies optimized for AI consumption

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Note: This CV represents a non-linear path. Gaps indicate periods of learning, travel, and experimentation that don't fit corporate timelines but created the ontologist I am today.