validix

WE ARE HIRING

Senior AI/NLP Engineer

Scientific Validation

Location

Geneva / Lausanne, Switzerland

Validix is building a platform that connects scientific evidence to governed claims and validates AI-generated content before human-controlled release.
We are looking for an engineer to build the extraction and semantic validation systems at its core.

Technical scope

- Extract atomic scientific assertions from literature, preserving source spans and provenance.
- Model subjects, predicates, objects and qualifiers, including population, comparator, magnitude, time, negation and uncertainty.
- Develop entity linking, ontology mapping and semantic canonicalisation.
- Build retrieval filtered by evidence status, scope and policy, plus structured generation constraints.
- Independently reconstruct assertions from generated text and detect unsupported claims, broadened meaning, missing qualifications and citation mismatches.
- Build expert-reviewed benchmarks and adversarial tests; measure extraction precision/recall, unsupported-claim detection and false rejection rates.
- Deploy reproducible, versioned pipelines with regression testing across model changes.

What we are looking for

Strong Python and applied NLP/ML engineering skills, with experience in information extraction, structured LLM outputs and evaluation methodology.
Biomedical NLP, scientific document processing, knowledge graphs and production model deployment experience would be especially valuable.

Interested?

Contact lluis.pallares@validix.ch with your CV or LinkedIn profile and a short example of an NLP system or evaluation framework you have built.