

# Stanford

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## Christian Kindermann

Research Engineer, Computational Medicine

### Bio

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#### BIO

I earned my PhD from the University of Manchester, England, where I developed novel pattern-based techniques for ontology engineering. I then continued this line of research at the University of Oslo, working on Reasonable Ontology Templates (OTTR), before joining Mark Musen's lab at Stanford to apply my research in biomedicine.

#### CURRENT ROLE AT STANFORD

I am a research engineer specializing in semantic technologies (ontologies and knowledge graphs). My work focuses on helping life-science practitioners and researchers manage their data.

#### EDUCATION AND CERTIFICATIONS

- PhD, University of Manchester , Computer Science (2021)
- MSc, University of Tübingen , Computer Science (2017)
- BSc, University of Tübingen , Cognitive Science (2014)

### Publications

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#### PUBLICATIONS

- **A change language for ontologies and knowledge graphs.** *Database : the journal of biological databases and curation*  
Hegde, H., Vendetti, J., Goutte-Gattat, D., Caufield, J. H., Graybeal, J. B., Harris, N. L., Karam, N., Kindermann, C., Matentzoglou, N., Overton, J. A., Musen, M. A., Mungall, C. J.  
2025; 2025
- **Minimal Macro-Based Rewritings of Formal Languages: Theory and Applications in Ontology Engineering (and Beyond)**  
Kindermann, C., George, A., Parsia, B., Sattler, U.  
edited by Wooldridge, M., Dy, J., Natarajan, S.  
ASSOC ADVANCEMENT ARTIFICIAL INTELLIGENCE.2024: 10581-10588