



# Wouter Termont

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## About me

Computer scientist turned analytic philosopher, with a big love for formal structures, open source, gardening, cooking and fine wine.

## I am

independent critical thinker  
analytical fast learner  
adaptive problem solver

## I speak

NL EN FR

## I can do

### Scripting & Programming

Node.js TypeScript Java Scala  
Haskell Prolog Bash Git(Hub)

### Web development

HTML CSS JS Web Components  
REST DNS AWS K8s OAuth  
OpenID

### Data Markup, Modeling & Querying

JSON RDF(S) OWL UML SPARQL  
SQL NoSQL

### Other skills

Academic writing Formal logic  
Domain modeling Standards

## Profile & goals

As a philosopher with a love for formal structures, I have designed graph-based data models for digital humanity projects, (personal) data storage, and API interoperability. I am looking for **remote** opportunities in the **linked data** and **semantic web** ecosystems. Particular interest goes out to **domain modeling** (ontology engineering), and research into web and (meta-) data **standards development**. Apart from a background in philosophy (analytic, ontologies) and software development (**architecture**, technical analysis, **prototyping**), I am a strong problem solver and critical thinker; I quickly and independently learn new toolchains, frameworks, domains etc. I value clean and elegant solutions, **open source** mentality, societal relevance, and respect for the innate humanity in each of us.

## Professional experience

- jan '21 – present **Linked Data Engineer** Digita
- I helped advance the World Wide Web towards a *personal data web* built on the **Solid** specification started by Tim Berners-Lee.
- As **lead engineer**, I directed multiple projects:
    - [Handlers.js](#), an opensource *chain of responsibility* library;
    - NGI (EU Horizon 2020) research on [component reuse](#);
    - Solid POCs with Flanders Digital, Federgon, Doccle ...
  - As **software architect** for [use.id](#), I designed the 1st Solid provider in production.
  - As **team leader**, I managed and coached a team of **6** developers, devised workflows and coding standards for uniform **code quality**, planned sprints based on business requirements and technical constraints, and guided interns during their stay.
  - As **web standards architect**, I contributed to the Authentication, Authorization, and Application Interoperability panels of the [W3C Solid Community Group](#).

- okt '18 – dec '20 **PhD grantee in philosophy** KU Leuven
- Together with domain experts, I designed the semantic data models for a digital humanities project, and implemented it in a graph database with REST API and GUI.

## Extra-curricular

- 2021 – ... **Solid Community Group Contributor** W3C
- I contribute to multiple upcoming [W3C specifications](#).
- 2015 – '20 **Student association & faculty board** KU Leuven
- I was web manager, financial director, chairman, auditor, strategic advisor, and student & staff representative.

## Education

- 2017 – '18 **MSc Artificial Intelligence** (cum laude, GPA 3.20) KU Leuven
- 2015 – '17 **MA Philosophy** (summa cum laude, GPA 3.87) KU Leuven
- 2011 – '15 **BSc Computer Science** (cum fructu, GPA 2.5) Ghent University