Wouter Termont

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✉ Residentie Beatrijs, 3300 Tienen

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

`JavaScript` `TypeScript` `Rust`
`Java` `Scala` `Haskell` `Prolog`
`Bash` `Git(Hub)`

🌐 Web development

`HTML` `CSS` `Web Comp.` `REST` `DNS`
`OAuth` `OpenID` `UMA` `GNAP`

🔧 Data Markup, Modeling & Querying

`JSON` `RDF(S)` `OWL` `SQL` `SPARQL`

••• Other skills

`Academic writing` `Formal logic`
`Domain modeling` `Standards`

Profile & goals

*As a philosopher with a love for formal structures, I do research into **Solid**, **Linked Data** and the **Semantic Web**. Particular interest goes to **domain modeling** (ontology engineering), and **standards development**. Apart from a background in analytic philosophy and software development, 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. To complement a senior research position at **imec**, I am currently looking for **remote freelance** opportunities with boots-on-the-ground engineering projects.*

Professional experience

sep '23 – present   **Senior Researcher**   imec
As part of IDLab's KNoWS group, I work with the **Policies & Interfaces** team to research mechanisms for authentication, authorization and interoperability on the Web. Based on those findings, I contribute to the **W3C Solid Working Group**.

jan '21 – apr '23   **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/prototypes** with industry partners & governements.
- As **software architect** for use.id, I designed the 1st Solid provider in production.
- As **team leader**, I managed **6** developers, balancing business requirements, technical constraints, & **code quality**.
- As **web standards architect**, I researched authentication, authorization, & interoperability for the W3C Solid CG.

okt '18 – dec '20   **PhD grantee in Philosophy (logicalgeometry.org)**   KU Leuven
I designed & implemented semantic data models for a GraphDB.

Extra-curricular

2021 – …   **W3C Solid CG & WG Participant**   W3C
I contribute to multiple upcoming W3C specifications.

2015 – '20   **Student assoc., education council & faculty board**   KU Leuven
I was treasurer, chairman, advisor & 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