

Tom De Nies

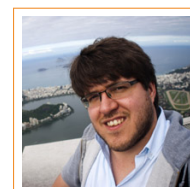
Curriculum Vitae

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Education

- 2011–2016 **PhD in Computer Science Engineering**, *Ghent University*, Belgium.
2008–2010 **MSc in Computer Science Engineering**, *Ghent University*, Belgium, *cum laude*.
2005–2008 **BSc in Informatics**, *Ghent University*, Belgium.

PhD thesis

- title *Enabling Automatic Provenance-Based Trust Assessment of Web Content*
supervisors prof. dr. ing. Erik Mannens & prof. dr. ir. Rik Van de Walle

Master thesis

- title *The Social Gaming Party-shirt – An interactive application using movement, music and luminescent textile in a social gaming context*
supervisors prof. dr. Marc Leman & prof. dr. ir. Jan Vanfleteren
Awarded by the Belgian industrial Research and Development (BiR&D) MSc thesis programme 2009 <http://www.birdbelgium.com/call2009/awards-call>

Experience

Contracts

- Since January 2018 **Freelance Developer & Consultant for Startups**, *First Stage*, Belgium.
<https://firststage.be>
March – **MVP Developer**, *Hyperflow.tv*, Australia.
August 2017 Hyperflow is a startup whose main product is a next-generation video tagging platform for connecting people with knowledge and services through media. I was hired to build the front- and backend of the first working prototype, based on the founder's ideas, designs and mockups.

Research

- May – Dec. 2016 **Postdoctoral Researcher**, *imec – Ghent University – IDLab*, Belgium.
After obtaining my PhD in May 2016, I remained as a postdoc with the lab, which underwent some changes: iMinds became imec, and Data Science Lab merged into IDLab. My main tasks were to lead a research project, follow up on PhD students' research, write project proposals, and consulting organizations about the benefits of Linked Data.
2011–2016 **Researcher**, *iMinds – Ghent University – Data Science Lab*, Belgium.
My PhD research was centered around automatic assessment of the value and trustworthiness of content on the Web, based on enriched metadata and provenance.
Detailed responsibilities:
 - research in the context of national and international projects;
 - individual research efforts and proposal writing;
 - contributions to standardization at W3C (i.e., Provenance Working Group in 2012–2013);
 - supervision of master theses and exercises for the Multimedia course.

March 2014 **Visiting Researcher**, *VU Amsterdam*, The Netherlands.

During my 1-month visit to VU Amsterdam, I was mostly working on my research in the field of provenance reconstruction and trust assessment, in collaboration with the people from the Web & Media and Knowledge Representation & Reasoning Groups.

Industry

2010–2011 **Junior System Engineer**, *Realdolmen*, Belgium.

As a system engineer, I was deployed in various companies and projects for the installation, configuration and management of IT infrastructure components, mainly Microsoft SQL Server.

Miscellaneous

2007–2010 **Photographer**, *Freelance*, Belgium.

I took up photography on a freelance basis as a hobby and casual student job. I executed assignments for, a.o.: Jeugd En Stad (JES) vzw, Radio Modern, and Culturele Jongeren Pas (CJP).

2007–2009 **Supervisor/Instructor**, *JES vzw*, Belgium.

During my student years, I volunteered at the youth organization JES, as a supervisor for the multimedia project “Flitz”, as well as an instructor for future youth workers.

2008–2010 **Praesidium**, *WiNA*, Belgium.

I was involved in the executive committee of the student organization for Mathematics, Informatics, and Physics at Ghent University for two years (event organization & vice-president).

Languages

Dutch **Excellent**

Native speaker

English **Excellent**

Full professional & scientific proficiency

French **Limited working proficiency**

Publications

<https://scholar.google.be/citations?user=ardF6QoAAAAJ>

Completed Courses

Oct. 2010 MCITP: Server Administrator

Nov. 2010 MCITP: Database Administrator 2008

Sept. 2013 ESWC Summer School

Computer skills

Server-side (primary) NodeJS, Java

(secondary) C++, Ruby on Rails

Client-side (primary) Javascript, jQuery

(secondary) PHP

Web design (X)HTML, CSS

Querying SQL, SPARQL

Awards

ISWC 2013 ‘Best Demo’ – *Git2PROV: Exposing Version Control System Content as W3C PROV.*

ISWC 2012 ‘Best Demo’ – *Everything is Connected: Using Linked Data for Multimedia Narration of Connections between Concepts.*

Interests

Travel #FrequentFlyer #Australialover #Camping #VW-van

Photography #Concertphotography #Streetphotography <https://photography.tomdenies.be>