



# David Thonnard

Data Scientist  
Neuroscientist

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## About Me

I am a data scientist and neuroscientist with a background in biomedical sciences, psychology, neuroscience, computer science and AI. I have been working as a preclinical neuroscientist studying cognitive flexibility and various neurodegeneration-related topics, developing a wide array of scientific, project-managing, statistical and data-related skills. More recently, I have been applying my skills and experience in a data science-related role within the industry.

## Languages

- Dutch
- English
- French
- Spanish
- German

## Personality

- ☒ Explorative
- ☒ Analytic
- ☒ Innovative
- ☒ Critical Mind

Driver's license: B (2004)

## Work Experience

currently	<b>Data Scientist</b> Pharma BENELUX - Chapter Marketing	<b>Bayer</b>
2021-2023	<b>Research Scientist</b> In-vivo pharmacology - Neurodegeneration - Gene Therapy	<b>UCB</b>
2020-2021	<b>QA Analyst/Consultant</b> QA in the European Distribution Center for Medical Devices (Johnson & Johnson / Altran - Capgemini).	<b>Johnson &amp; Johnson</b>
2013-2020	<b>Neuroscientist</b> Preclinical brain research. Main topic: cognitive flexibility. Lab of Prof. Dr. Rudi D'Hooge.	<b>KU Leuven - Brain and Cognition</b>
2008	<b>Lab technician</b> Quantification of cellular immunological memory after measles vaccination through intracellular cytokine detection using flowcytometry. Lab of Prof. Dr. Geert Leroux-Roels.	<b>University Ghent - Dep. of Virology</b>

## Education

2022-2023	<b>Advanced Master in Artificial Intelligence</b> Thesis: Representation learning in histopathological images via Deep Learning based models	<b>KU Leuven</b>
2014-2020	<b>PhD Neuroscience</b> Thesis: Pharmacological mechanisms and telencephalic interactions involved in neurocognitive flexibility	<b>KU Leuven</b>
2011-2013	<b>Master of Science in Theoretical and Experimental Psychology</b> Thesis: Jouw pijn is mijn pijn, maar... "Does it matter if you're black or white?"	<b>Ghent University</b>
2008-2011	<b>Bachelor in Theoretical and Experimental Psychology</b> Thesis: Impliciet leren en de unconscious thought theory: Invloed van de denkwijze op besluitvorming in artificial grammar learning.	<b>Ghent University</b>
2005-2008	<b>Bachelor in Biomedic Laboratory Technology, Pharmaceutical and Biological Techniques</b> Thesis: Quantification of cellular immunological memory after measles vaccination through intracellular cytokine detection.	<b>University College - Ghent</b>

## Grants

2014	Doctoraatsbeurs Strategisch Basisonderzoek	<b>IWT/FWO</b>
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## Activities

