David Thonnard

Data Scientist
Neuroscientist

- July 26, 1985 (39) 🇧🇪
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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, developping a wide array of scientific, project-managing, statistical and data-related skills. More recently, I have been combining academia with a data science-related position in the industry.

Languages

🇳🇱	Dutch	● ● ● ● ●
🇬🇧	English	● ● ● ● ●
🇫🇷	French	● ● ● ○ ○
🇪🇸	Spanish	● ● ○ ○ ○
🇩🇪	German	● ○ ○ ○ ○

Personality

- ☑ Explorative
- ☑ Analytic
- ☑ Innovative
- ☑ Critical Mind

🚗 Driver's license: B (2004)

Work Experience

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

Education

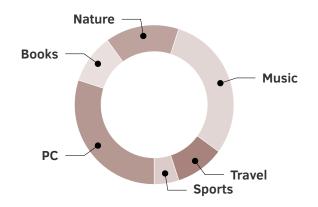|		
2022-2023	**Advanced Master in Artificial Intelligence**	**KU Leuven**
	Thesis: Representation learning in histopathological images via Deep Learning based models	
2014-2020	**PhD Neuroscience**	**KU Leuven**
	Thesis: Pharmacological mechanisms and telencephalic interactions involved in neurocognitive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

Grants

2014	Doctoraatsbeurs Strategisch Basisonderzoek	**IWT/FWO**

Activities