

David Verborgh

Curriculum Vitae

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Experience

2016 — Present **Freelance Developer / Data Scientist**

I recently started freelance development work, and in the first few months have been involved mainly in web development projects (web shops, portfolio applications, ...) as well as a number of scientific data analysis endeavors.

2009 — Present **CTO** Mentis SA

During my time as the CTO at Mentis I've been heading a large number of diverse projects involving semantic analysis of text and other unstructured data. As the CTO of a small company my role ranges from hands-on development to technical customer relationships and business development.

2006 — 2009 **Researcher** Vrije Universiteit Brussel

The research I performed was funded by AGFA-Gevaert. The main topics I studied were knowledge modeling and decision support applied to the medical field. One example is automatic schedule generation in high stress environments such as emergency rooms.

Volunteering

2013 — Present **Data Scientist** Universitair Ziekenhuis Antwerpen

The context of my work at the UZA is traumatic brain injury, and how to link measurements of blood flow and oxygenation in the brain. My contributions include creating an algorithm for detecting calibration errors in the machinery; and statistical time series analysis of the available data.

Education

2005 — 2006 Master in Artificial Intelligence *Cum Laude*

Dissertation: Emergent semantics from collaborative tagging of images

2001 — 2005 Master in Computer Science *Magna Cum Laude*

Dissertation: Concept formation on autonomous robots

Skills

Development Java, Python, C++, JavaScript, MySQL, SQLServer, MongoDB

Scientific Machine Learning, Natural Language Processing, Statistical Analysis, Deep Learning

Management Project Management, Account Management, Business Development