

Stijn Vermeeren

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Nationality: Belgian – Current residence: Switzerland (C permit)



I am a PhD in mathematics with nine years of professional experience in data science at the Swiss company Starmind, where I built up all the AI technology almost from scratch, as well as recruiting and leading a total of ten other data scientists. I excel at managing and breaking down complexity in software systems and data pipelines, and at explaining complicated concepts to a wider audience. I love challenging mathematical problems, logical puzzles, learning foreign languages, hiking and skiing in the mountains, and strategical board game such as go and chess.

Sep 2022 – Apr 2023

Sabbatical

Traveling Europe and Latin America.

Jun 2013 – Aug 2022

Head of AI – Starmind, Zürich, Switzerland

Started as the only full-time data scientist for a 3-year old start-up.

Grew into leading a team of eight other data scientists in a successful scale-up.

Owner of several micro-services programmed in Scala and Python, data pipelines, and services based on Elasticsearch and spaCy.

Focus topics: natural language processing (text), recommendation systems, full-text search.

Sep 2009 – Mar 2013

PhD in Mathematics – University of Leeds, England

Fully funded PhD scholarship from the University of Leeds.

Thesis title: *"Notions and Applications of Algorithmic Randomness"*.

Supervisors: S. Barry Cooper, Andy Lewis.

Research areas: mathematical logic, computability theory, Turing degrees, Kolmogorov complexity.

2008 – 2009

Master of Advanced Studies in Mathematics – University of Cambridge, England

Cambridge European Trust bursary recipient.

2005 – 2008

Bachelor in Mathematics – Katholieke Universiteit Leuven, Belgium

Other key achievements

tijdloze.rocks (stats website on an annual music chart from Belgian radio StuBru)

Ca. 10.000 unique visitors each year on the day of the radio program

Fully open source (VueJS frontend, Scala/Play & MySQL backend)

Defensiepuzzel 2018 (cryptographic challenge from the Belgian secret service)

1st ranked team

Flemish Mathematical Olympiad 2005

First Prize

International Mathematical Olympiad 2005

Honourable Mention

Language skills

Dutch

Native speaker

English, German

Fluent

French, Italian, Spanish, Norwegian, Swedish

Good understanding

Danish, Czech

Basic knowledge