



# Bisschops Lode

DATA ANALYST · MACHINE LEARNING ENGINEER

Leuven, Belgium

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*"Without data analytics, companies are blind and deaf, wandering out into the world like deer on a freeway."*

## Summary

Current student artificial intelligence at a top university, finishing in July 2022. I'm easy going and love to problem-solve challenging tasks, learn new technologies and interface with different departments. 2+ years of experience interpreting and analyzing data to drive successful business solutions. Excellent knowledge of analytics tools for effective analysis of data.

## Work Experience

### FibriCheck

DATA ANALYST

*Hasselt, Belgium*

*Feb. 2020 - May 2022*

- Created an automated data market using data pipelines and cloud computing infrastructure.
- Constructed an interactive dashboard with visualisations and filters.
- Provided actionable insights and calculated key performance indicators.
- Led my own project.
- In depth understanding of NoSQL data aggregation through research.
- Created complex data insights using Python and Jupyter notebooks.
- Interfaced with marketing to understand their needs.
- Clearly documented my work and educated colleagues at the end of my contract.
- Traineeship that turned into permanent employment with the firm.

### TeamHypeCoaching

STRENGTH COACH

*Flanders, Belgium*

*Nov. 2020 - Jun. 2021*

- Built up a company with 2 friends, providing online strength coaching for 40 athletes.
- Progress analysis using excel automation.

### Le Notariat

WAITER AND HOSPITALITY

*Westerlo, Belgium*

*Jun. 2020 - Sep. 2021*

- Serving at a Gault & Millau selected cocktail bar, serving guests as a hospitable host.

## Education

### Katholieke Universiteit Leuven

MASTERS OF COMPUTER SCIENCE: ARTIFICIAL INTELLIGENCE

*Leuven, Belgium*

*2020 - 2022*

- Belgium's highest-ranked university.
- Completing degree in July.

### University of Hasselt

BACHELORS OF COMPUTER SCIENCE

*Hasselt, Belgium*

*2016 - 2020*

- In depth understanding of Python, Java, C++ and C.
- Strong background in mathematics, statistics and software engineering.
- Familiar with: Prolog, Javascript, cloud based solutions, relational and non-relational databases.
- Familiar with the latest project management techniques.

## Research

### Exploring Deceptive affiliate Marketing within Facebook

MASTER THESIS

*Leuven, Belgium*

*2021 - 2022*

- Researching malicious advertisements within Facebook and how to detect them.
- Finding patterns within large datasets using SQL, Python and MongoDB.
- Gathering data with web-scraping tools in remote containerized applications using Kubernetes.

## Aggregating Data for Statistical Analysis in MongoDB Atlas.

Hasselt, Belgium

BACHELOR THESIS

Feb. 2020 - Jun. 2020

- Compared different database technologies for data aggregation.
- Explored different ways to aggregate data in an unstructured NoSQL database.
- Set up a real-time dashboard for basic performance indicators.

## Extracurricular Activity

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### Hermes - fraternity of economics

Hasselt, Belgium

PLEDGEMASTER

2019 - 2020

- Organised social events for new students.
- Assisted the job fair.
- Participated in biweekly meetings.

## References

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**Ine Van Loon**, Marketing Manager, *FibriCheck*, ✉ [ine.vanloon@fibrichек.com](mailto:ine.vanloon@fibrichек.com)

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Reference letters can be viewed on <https://lodebisschops.com/references/>.