



# Bisschops Lode

MACHINE LEARNING ENGINEER · DATA ANALYST · SOFTWARE ENGINEER

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

## Summary

Belgian Computer Scientist residing in Oslo looking for a full time position as AI engineer, data analyst or software engineer. Highly experienced in writing codes and algorithms. Possess a passion for Artificial Intelligence with comprehensive knowledge of the latest machine learning concepts and programming standards. Ability to translate requirements into advanced technical solutions using Python, Java, C, C++.

## Education

### Katholieke Universiteit Leuven

*Leuven, Belgium*

MASTERS OF COMPUTER SCIENCE: ARTIFICIAL INTELLIGENCE

*2020 - 2022*

- Belgium's highest-ranked university.
- Understand the inner workings of popular AI algorithms, their performance and caveats.
- Experience implementing AI algorithms for different problems such as page ranking, image classification and time series analysis.
- Solid understanding of data mining techniques and how to implement them in real world applications.

### University of Hasselt

*Hasselt, Belgium*

BACHELORS OF COMPUTER SCIENCE

*2016 - 2020*

- In-depth understanding of Python, Java, C++, and C.
- Excellent knowledge of correct programming standards.
- Extremely comfortable with version control systems such as git.
- Strong background in mathematics, statistics, and software engineering.
- Proficient in Prolog, Javascript, cloud-based solutions, and relational and non-relational databases.
- Familiar with the latest project management techniques.

## Work Experience

### FibriCheck

*Hasselt, Belgium*

DATA ANALYST

*Feb. 2020 - May 2021*

- Research project that turned into permanent employment with the firm.
- Created an automated data market using data pipelines and cloud computing infrastructure.
- Constructed an interactive dashboard with complex visualizations and advanced filters.
- Provided actionable insights and calculated key performance indicators.
- Led my own project.
- Created data insight reports using Python and Jupyter notebooks.
- Interfaced with marketing to understand their needs.
- Documented my work and educated colleagues at the end of my contract.

### TeamHypeCoaching

*Flanders, Belgium*

STRENGTH COACH

*Nov. 2020 - Jun. 2021*

- Ran a company with 2 friends, providing online strength coaching for 40 athletes.
- Progress analysis using excel automation.
- Client facing position that honed my people skills.

### Le Notariat

*Westerlo, Belgium*

WAITER AND HOSPITALITY

*Jun. 2020 - Sep. 2021*

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

## Language Proficiency

- C2 **Dutch**, Mother tongue
- C2 **English**, Speak English with spouse and friends.
- B1 **French**, Bilingual country of origin.
- A1 **Norwegian**, Taking courses.

## Research

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### Exploring Deceptive affiliate Marketing within Facebook

Leuven, Belgium

MASTER THESIS

2021 - 2022

- Researching malicious advertisements within Facebook and how to detect them.
- Finding patterns within large datasets using SQL, Python, and MongoDB.
- Set up a primitive search engine.
- Collecting large amounts of data
- Working with web-scraping tools in remote containerized applications.

### Aggregating Data for Statistical Analysis in MongoDB Atlas.

Hasselt, Belgium

BACHELOR THESIS

Feb. 2020 - Jun. 2020

- Exploratory analysis of NoSQL.
- In depth comparison of SQL vs NoSQL.
- Explored different methods of aggregating data in an unstructured NoSQL database.
- Set up a real-time dashboard for fundamental performance indicators.

## Extracurricular Activities

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### Hermes - the fraternity for economic students

Hasselt, Belgium

PLEDGEMASTER

2019 - 2020

- Organised social events for new students.
- Participated in biweekly meetings.
- Learned to speak in front of large groups and mediate between members to resolve social conflicts.

## References

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

**Glenn De Witte**, Data Science Manager, *FibriCheck*, ✉ [glenn.dewitte@fibrichack.com](mailto:glenn.dewitte@fibrichack.com)

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Reference letters available for download on my website:

<https://lodebisschops.com/references/>.