Bisschops **Lode**

Data Analyst · Machine Learning Engineer

Leuven, Belgium

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Summary

Current student artificial intelligence at top university KULeuven finishing in July 2022. With more than 2 years of work experience with databases and data analysis. I'm easy going and love to problem-solve challenging tasks, learn new technologies and interface with different departments.

Education

Katholieke Universiteit Leuven   *Leuven, Belgium*

MASTERS OF COMPUTER SCIENCE: ARTIFICIAL INTELLIGENCE   *2020 - 2022*

- Belgium's highest-ranked university
- Elective courses: Uncertainty in Artificial Intelligence | Advanced Programming Languages for A.I. | Artificial Neural Networks and Deep Learning| Data Mining | Genetic Algorithms and Evolutionary Computing | Principles of Machine Learning | Distributed Systems | Software Architecture

University of Hasselt   *Hasselt, Belgium*

BACHELORS OF COMPUTER SCIENCE   *2016 - 2020*

- In depth understanding of Python, Java, C++ and C
- Familiar with: Prolog, Javascript, cloud based solutions, relational and non-relational databases.
- Strong background in Mathematics, Statistics and Software Engineering

Work Experience

FibriCheck   *Hasselt, Belgium*

DATA ANALYST   *Feb. 2020 - May. 2022*

- Created an automated data market using data pipelines and cloud computing infrastructure.
- Constructed data visualisations.
- Provided actionable insights and calculated key performance indicators.
- Leaded my own project.
- In depth understanding of NoSQL data aggregation through research.
- Created 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.

TeamHypeCoaching   *Flanders, Belgium*

STRENGTH COACH   *late 2020 - Jun. 2021*

- Worked a company with 2 friends, Providing online strength coaching for 40 athletes.
- Progress analysis using excel automation.

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.

Research

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.
- 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

Hermes - fraternity of economics *Hasselt*

PLEDGEMASTER *2019*

- Organised social events for new students.
- Helped at the job fair.
- Participated in biweekly meetings.
- Organised more than 10 large student parties.

References

Contact me for reference letters.