

Senne Bosmans

Antwerp, Belgium

📞 On request

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in sennebosmans

Education

- June 2023 **Master of Engineering: Computer Science (MSc)** *KU Leuven*
- Specialization in artificial intelligence
 - Thesis: *analyzing breathing patterns during sleep using a tracheal microphone*
 - detecting breathing and snoring events in a PSG dataset using ML techniques
 - in collaboration with OSG
- June 2021 **Bachelor of Engineering (BSc)** *KU Leuven*
- Major in computer science, minor in business management
 - Participated in P&O entrepreneurship
 - entrepreneurial project in a group of eight students
 - in collaboration with Raccoons
- June 2018 **High school: science-mathematics** *Heilig Hart van Maria Berlaar*

Relevant coursework

- Master Software architecture - Principles of machine learning - Distributed systems - Data mining - Machine learning: project - Development of secure software - Declarative languages - Design of software systems - Parallel computing
- Bachelor Computer networks - Artificial intelligence - Object-oriented programming - Databases - Statistics - Algebra - Calculus

Skills

In order of proficiency. Programming languages have been used in a project.

- Programming Python3 - Java - C++ - C - SQL
- Web HTML - CSS - Grav CMS
- Languages Dutch - English

External project

- 2020 Web-based order system used in practice by our youth movement. Visitors select their order through our website, the system stores the order in a database and sends a request for payment to the visitor via e-mail.

Volunteering experience

- 2018 - 2023 **Volunteer at a youth movement**
- Entertaining the local youth and organizing events to support our activities
 - Individually assigned tasks:
 - maintaining our website: chiro-itegem.be, and
 - managing our finances