

TIBO VANLEKE

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WORK & LEADERSHIP EXPERIENCE

PhD Artificial Intelligence

Vrije Universiteit Brussel

Brussels

Sep 2025 - present

- Research interests: Technical AI safety, alignment, and interpretability currently investigating subliminal learning in Large Language Models.

Officer Naval Infantry – Reserve

Naval Component of the Belgian Armed Forces

Zeebrugge

Jun 2025 - present

- Defense of maritime infrastructure and ships both at sea and in port.

Research Intern

University of Antwerp

Antwerp

Oct 2024 - May 2025

- Research at the Applied Data Mining group on Explainable AI for Deep multivariate seq-to-seq models.

Computer Science & Electrical Engineering Intern

Manipal Institute of Technology (MIT)

Manipal, India

Nov 2024 - Jan 2025

- Research on the detection of kidney stones using advanced deep learning models.

Data & Analytics Intern

Deloitte

Zaventem

Jan 2024 - Nov 2024

- Implemented NLP and sentiment analysis models, enabling advanced analysis.
- Automated data extraction through OCR, reducing manual effort by up to 80%.

President of student organization

180 Degrees Consulting: world's largest student consultancy

Antwerp

Mar 2021 - Jun 2024

- Managed a team of 50+ consultants and directors, delivering 10+ successful projects.
- Led initiatives in go-to-market strategies, financial analysis, and data analysis.

EDUCATION

Advanced Studies in Artificial Intelligence

KU Leuven

Leuven

Sep 2024 – Jun 2025

- GPA: **17.6/20**

B/MSc Business Engineering: Data Science

University of Antwerp

Antwerp

Sep 2019 – Jun 2024

- GPA: **16.6/20** | Beta Gamma Sigma member (**top 10%**)
- Thesis: “Explainable AI (XAI) for Large Language Models (LLMs)” (Grade: **19/20**)
- Junior Management Program: faculty honors program (**dean's list**)
- International Exchange Programs to Singapore & Mexico City

Summer School: Sustainability Engineering & Economics

Cyprus University of Technology

Limassol, Cyprus

Jul 2023

- Grade: **18/20**

INTERESTS AND OTHER ACTIVITIES

- **Athletics** at a high level (district champion in cross country & 1500m track).
- **Debating** as a delegate in the Flemish- and Belgian Youth Parliaments.
- **Student games:** 1st place at the Delaware Student Games 2021, 2nd place at the Global Final of the Deloitte Monitor Challenge 2023 (Paris), and 2nd place at the LCC McKinsey case 2024.
- **Tutor** at university level in mathematics, statistics, programming, economics, & natural sciences.
- **Volunteering work** with Kazou vzw, organizing and monitoring international trips, and Andros Animal Shelter, Greece.

LANGUAGES AND IT SKILLS

- **Languages** : Dutch (native), English (C2), French (B2), Spanish (A2), German (A2)
- **Programming**: Python, MATLAB, R, JavaScript
- **Tools**: Tableau, PowerBI, Office Package, JMP, SPSS