

BRAM SILUE

✉ bram.silue@vub.be

EMPLOYMENT

Artificial Intelligence Lab Brussels

DOCTORAL RESEARCHER

Brussels, BE

2023 – Now

- Developing novel reinforcement learning algorithms with enhanced sample efficiency for multi-objective decision-making within computationally intensive stochastic models.

EDUCATION

Doctor of Philosophy (PhD) in Machine Learning

VRIJE UNIVERSITEIT BRUSSEL

Brussels, BE

2023 – Now

Master of Science (MSc) in Engineering – Computer Science

VRIJE UNIVERSITEIT BRUSSEL

Brussels, BE

2020 – 2023

- Honors: *magna cum laude*.
- Cumulative GPA: **4.0/4.0**.
- Field of study: Artificial Intelligence.

Bachelor of Science (BSc) in Engineering – Electronics & IT

VRIJE UNIVERSITEIT BRUSSEL

Brussels, BE

2016 – 2022

PUBLICATIONS

Efficient Bayesian Ultra-Q Learning for Multi-Agent Games

W. GAUDERIS, F. DENOUDT, B. SILUE, P. VANVOLSEM, A. ROSSEAU

London, UK

MAY 2023

Adaptive and Learning Agents Workshop (ALA)

NOTABLE PROJECTS

Recommendation System for Emergency Call Centers

SKILLS: PYTHON (NUMPY, PANDAS, STREAMLIT, ETC.)

- Co-developed and presented an artificially intelligent recommendation system for the Belgian police that can automatically identify the exact type of emergency occurring during a conversation, allowing the emergency services to act faster and more efficiently.

PROFILE OVERVIEW

Technology: Python, Git, Unix, L^AT_EX.

Languages: English (fluent), Dutch (native), French (native), German (intermediate).

Personal Interests: Music Production, Automotive Industry, Fitness, Horology, Investing.

Professional Interests: Quantitative Trading, Machine Learning, Software Engineering, Research.