

BRAM SILUE

✉ bram@silue.dev www.silue.dev

EMPLOYMENT

Artificial Intelligence Lab Brussels

Brussels, BE

DOCTORAL RESEARCHER

2023 – Now

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

EDUCATION

Doctor of Philosophy (PhD) in Machine Learning

Brussels, BE

VRIJE UNIVERSITEIT BRUSSEL


2023 – Now

Master of Science (MSc) in Engineering – Computer Science

Brussels, BE

VRIJE UNIVERSITEIT BRUSSEL

2020 – 2023

- Honors: *magna cum laude*.
- Cumulative GPA: **4.0/4.0**.
- Published 1 peer-reviewed paper. 
- Field of study: Artificial Intelligence.

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

Brussels, BE

VRIJE UNIVERSITEIT BRUSSEL

2016 – 2022

PROJECTS

Algorithmic Market Maker

SKILLS: PYTHON (NUMPY, MATPLOTLIB)

- Implemented and visualized simulations of a market maker using the Avellaneda-Stoikov high-frequency trading model. This involved creating an algorithm for setting bid and ask prices while taking into account inventory management and risk, all simulated under dynamic market conditions using a Brownian motion.

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.