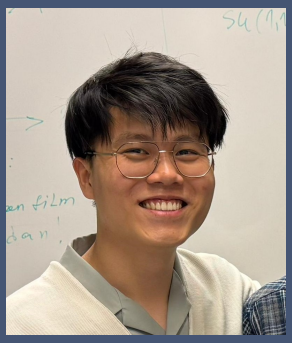
Brandon **Li**



Profile Summary

Enrolled in Msc AI, thesis duration of 6 months from January to June. I'm still exploring my ultimate specialization, but I enjoy learning and applying my broad AI knowledge to real-world, impactful projects. My ambition is to develop useful autonomous, self-learning agents and programs that enhance efficiency while remaining adaptable and precise. To achieve this, I aim to deepen my experience in data communication, data visualization, mathematical modeling, and intelligence modeling.

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Personal information

Citizenship: **Dutch**

Languages: **Dutch**, **English**, **Chinese**

Programming languages

- Python (Intermediate) : PyTorch, Pandas, Numpy, Matplotlib and more...
- Latex (Basics)
- C++ (Basics)
- Prolog (Basics)
- R (Basics)

Experience related to AI

Project : Foundation Models at *UvA* **02.2025–05.2025**

◇ Led a team to extend an existing Hummingbird benchmark to multiple Vision Foundation Models (FM), enabling reliable evaluation of their 3D vision capabilities. Our work got accepted for a NeurIPS 2025 Workshop UniReps (Conference). The link on Openreview : Here.

Project : EBMs at *UvA* **02.2025–05.2025**

◇ Energy-Based Models (EBMs) provide an alternative interpretation of AI models, where inputs and outputs are represented in terms of an energy function and learned through self-supervised objectives. We applied EBMs for test-time adaptation, enabling improved generalization in continuous learning.

Project : Neuro-symbolic AI at *UvA* **05.2025–06.2025**

◇ Applied mechanistic interpretability techniques on Neuro-symbolic Regression Models.

Teaching Assistant for bachelor AI at *UvA* **09.2024–01.2025**

◇ Prepared seminars and graded homework for 3 courses : Bayesians Statistics for Machine Learning, Bachelor-level Machine Learning and Bachelor-level Natural Language Processing.

Bachelor Thesis : Medical CNNs at *UvA* **04.2024–07.2024**

◇ Title : Transfer learning for grading images in Photoacoustic Imaging. Applied Computer Vision with Convolutional Neural Networks for artificial artifact detection on medical images. Link : Here.

Project : LLM on Chatbot support at *Eventix* **01.2023–03.2023**

◇ Using LLMs to automate customer support with Question-Answering.

Education

Master of Science in Artificial Intelligence *from University of Amsterdam*. **2024–now**

Bachelor of Science in Artificial Intelligence. *from University of Amsterdam*. **2020–2024**

Interested courses

* Machine Learning
* Reinforcement Learning
* Deep Learning
* Computer vision
* NLP (Language)
* Game Theory
* Foundation Models
* Interpretability & Explainability in AI

Notable courses

- Intro Quantum Computing
- Autonomous Mobile Robots
- Knowledge Representation & Reasoning
- Philosophy & AI
- Computational Musicology
- Cognitive Modelling
- Information Retrieval

Hobbies

Mathematics (Numberphile), Shallow Physics, Eating, Movies, Anime and Learning