LEON ESHUIJS

Master AI graduate

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in leoneshuijs

EDUCATION

Master Physics - M1
Sorbonne Université

📅 September 2022 - January 2023   📍 Paris, France

- Following as Erasmus the first semester of the Physics Master.

Master Artificial Intelligence
University of Amsterdam

📅 September 2020 - April 2023   📍 Amsterdam, The Netherlands

- **Electives**: Specialized in advanced Machine Learning, Game Theory, Computer Vision and Reinforcement Learning.
- **Thesis**: "Knowledge Injection through Prompting (KIP): improving image captioning by leveraging knowledge graphs for Transformers". Grade: 8.0/10.0
- **GPA**: 8.3/10.0 - Cum Laude candidate

Bachelor Artificial Intelligence
University of Amsterdam

📅 September 2017 - August 2020   📍 Amsterdam, The Netherlands

- For the honours program I followed courses in Physics and Big History and Psychopharmacology.
- **Minor:** Electronics for Robotics - TU Delft
- **Thesis:** Reinforcement learning for PID tuning of apple picking robot.
- **GPA:** 8.0/10.0 - graduated Cum Laude and with Honours

EXPERIENCE

AI Engineer
Saivvy

📅 September 2020 – May 2021   📍 Amsterdam, The Netherlands

Tasks
- Maintained and expanded the code base for the computer vision projects, including object detection.
- Assisted in the coordination and supervision of Master student projects.
- Constructed the control framework for a harvest robot in simulation.

Care assistant Dementia department
Evean Lishof

📅 February 2019 – December 2021   📍 Oostzaan, The Netherlands

- Assisted nurses in daily task of the elderly.
- During the start of pandemic also initiated video call support with family members.

PROJECTS

SpotMicroAI: learning-based gait modulation for Sim2Real gap

📅 June 2022 - February 2023

- Based on the open-source SpotmicroAI platform, I 3D printed and built Jake myself, and then trained different Reinforcement Learning (RL) algorithms for the task of gait modulation.
- See website for more information and videos: link

ABOUT ME

Master AI graduate, passionate about state-of-the-art AI models and dissecting them to better understand and leverage their capabilities.
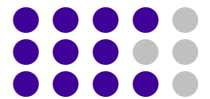My goal is to apply Artificial Intelligence to tackle the world's biggest problems.

TECHNICAL SKILLS

NLP   ●●●●○
Computer Vision   ●●●○○
Reinforcement Learning   ●●●●○

Experienced with

Python   Pytorch   Keras   ROS   Gazebo

Familiar with

C   R   SQL   MATLAB   HTML
CSS   Docker   Conda
Azure Machine Learning   GCP

PERSONAL INTERESTS

Memory Athlete   Robotics
Effective Altruism   Inclusive AI

LANGUAGES

Dutch   ●●●●●
English   ●●●●◐
French (B1)   ●●◐○○