

KARIM AYMAN

AI Fresh Graduate

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ABOUT ME

- Gender: Male
 - Religion: Muslim
 - Birth Date: 16-01-1999
 - Nationality: Egyptian
 - Languages: Arabic - English
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PROJECTS

Multi-Agent Reinforcement Learning for Cooperative Control in Wildfires | Graduation Project

October 2023 - June 2024

- Created a complex highly stochastic 2D wildfire environment from scratch.
- Simulated learning of heterogenous agents with attention-based centralized critic MADDPG using Python and Pytorch.

Autonomous Delivery Car Using Reinforcement Learning | Coursework Project

November 2023 - December 2023

- Participated in a group and implemented the agent's Q-Learning algorithm with Python for a simple 2D environment with obstacles.

Blackout: A 2D game | Coursework Project

October 2022 - December 2022

- Contributed in designing the game's concept as well as its formal elements and the interaction among the different entities within the game.
 - Developed a 2-minute-level in Unity with C#.
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EDUCATION

BSc. in Informatics & Computer Science (AI Major) | Dual Degree

2024

The British University in Egypt -
London South Bank University

CERTIFICATIONS

- Cloud Computing | TE

OTHER SKILLS

- NLP
- Transformers
- C++
- Data Structures
- Java
- Ethical Hacking