

Akeel Majeed

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EDUCATION

University College London | Mathematics and Neuroscience (Natural Sciences) London

- 1st class predicted
- Relevant modules: Dynamical Systems/ Further Probability and Statistics/ Introductory Mammalian Physiology
- Topics: Linear Algebra/ Multivariable Calculus/ Bifurcation theory/ Statistical Inference/ ODEs/ Neurobiology/ Cellular Physiology
- Supplementary courses taken: Machine Learning Specialisation (Andrew Ng)/ CS50 – Programming with R/ PH526x: Using Python for Research

Bexley Grammar School | GCSE & IB Diploma London

- GCSE | 11x A* 9999999988 Biology, Chemistry, Maths, Economics, French, Geography, Physics, Computer Science, English Language, English Literature, Mandarin
- IBDP | 40/45 766 HL: Chemistry, Biology, Maths Analysis and Approaches
- Successful medical school applicant

EXPERIENCE

Nexus Labs | UCL AI society 2025-

- Student journal group focused on Reinforcement Learning
- Off-policy methods: Deep Q-Learning (DQN)
- Bellman Equation/ ϵ -Greedy Policy/ Deep RL
- Python/Numpy/TensorFlow/Keras/Scikit-learn/Gymnasium/Git

Chess Club | Teacher 2021-2024

- Started chess club to pass on my knowledge of the game to younger students
- Created lesson material and organised tournaments
- 70+ members
- Winner of Jack Petchey Award (£250)

Environmental Action Group | Co-Leader 2022-2024

- Co-led group focused on promoting environmental awareness and sustainable practices
- Led weekly meetings and created promotional material
- Organised energy audit, introduced waste management pilot
- Winner of Jack Petchey Environmental Award (£300)

AI SKILLS

Agent Skills/ Prompt Engineering/ Context Engineering/ LangChain

