

Abdur Rehman Nasir

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Education

Middlesex University

London, UK

B.Sc. Computer Science

Sep 2020 – Jul 2024

Relevant Coursework: Software Engineering and Management, Object Oriented Programming, Web Apps and Databases, Operating Systems and Computer Networks, Artificial Intelligence and Systems Engineering for Robotics

Undergraduate Teaching Assistant: Software Engineering and Management, Web Applications and Databases

Student Societies: Robotics Society (President), Artificial Intelligence Society (Member)

Goldsmiths University

London, UK

M.Sc. Computational Cognitive Neuroscience

Sep 2024 – Sep 2025

Portfolio

- **Undergraduate Dissertation:** Graded 89% overall, 70+ pages - "Machine Perception: Investigating Visual Data Analysis through CNN Hand Gesture Recognition" [[Linkedin \(Section: Projects\)](#)].
- **Robotics Build:** Graded 83% overall, 60+ pages – "Stasis Engine" A novel design and physical build of a robotic mechanism designed to gradually decelerate a moving object's velocity to zero, simulating a surface with zero restitution [[Linkedin](#)].
- **Artificial Intelligence - TSP Solution:** A Java algorithm developed from scratch, initiating with a greedy algorithm to establish bounds, then leveraging heuristic pruning to efficiently navigate the solution space [[Linkedin](#)].
- **HTML Website:** "Populus Gladii" - Website exploring ancient Roman history, themed on a senatorial toga colour palette, centred around a lore-based quiz consisting various aspects of ancient history [[Linkedin](#)].

Work Experience

Security Officer, Alexander McQueen

March 2023 – Present

- Part of a team of 6 managing Alexander McQueen's London HQ. Work closely with site head of facilities and company CSO to maintain comprehensive physical and cyber-security.
- Adherence to Assignment Instructions (AIs), including formal email correspondences, reports and forms.

Student Learning Assistant, Middlesex University

Sep 2023 – May 2024

- Taught C++, git, version control, Linux and assisted lecturers in environmental setup, management and marking of student work. Provided in-person and online assistance during scheduled university hours.
- Led sessions with up to 5 undergraduate students, providing in-depth support and extracurricular guidance.

Technical Skills

- Languages – Java, Python, C, C++, HTML/CSS.
- Technologies – Computer Vision, Machine Learning, Git, Linux, Data Structures, Algorithms, Arduino IDE, Soldering, Wiring