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## **Profile:**

Inquisitive undergraduate, with diverse experience in teamwork and collaboration, and a passion for problem-solving and personal technical development, demonstrated through a strong academic record and personal projects.

## **Experience:**

- Sales Assistant | Screwfix (September 2024 - Current):
  - Built rapport with regular customers by identifying patterns in issues and applying proven solutions, demonstrating problem-solving and customer focus.
  - Supported warehouse operations by organising inventory, restocking efficiently, and maintaining a clean workspace to improve productivity.
  - Consistently volunteered for extra shifts to assist colleagues and ensure smooth operations, reflecting strong teamwork and work ethic.
- Volunteer retail assistant | North London Hospice (April 2021 - November 2021):
  - Demonstrated integrity and commitment by supporting hospice retail operations throughout the lockdown period.
  - Collaborated effectively within a small team, often only 2–3 members, to deliver consistent service.
  - Balanced responsibilities independently by managing a clean, organised, and well-stocked storefront while assisting customers simultaneously.
- Cadet Staff Sergeant | Combined Cadet Force (November 2019 - July 2024):
  - Led, instructed, and mentored younger cadets while representing the contingent at recruitment events, showcasing leadership and teamwork.
  - Organised and managed cadet activities, ensuring high standards of discipline and performance during drills and exercises.
  - Displayed resilience, adaptability, and clear decision-making under pressure by often commanding training exercises and expeditions.
- Mentoring Work Experience | St Ignatius College (November 2022 - July 2023):
  - As a 6th form student, I provided one-to-one and small group maths tutoring, identifying areas of weakness and adapting explanations to different learning styles.
  - Developed strong communication and mentoring skills by guiding students academically and socially in both structured and informal settings.
  - Also supported students during a summer camp by encouraging collaboration, building confidence, and fostering positive group dynamics (August 2023)

## **Education:**

King's College London: [2024 - Current]

- Artificial Intelligence with a year in industry' BSc

St Ignatius College [Sept 2017 - June 2024]

- 3 A-Levels + EPQ : Achieved A\*, A, A in Maths, Further Maths and Computer Science respectively.
- 9 GCSE (Attained a grade average of 8.2)

## **Projects:**

- Python Mini Games
  - Developed multiple small games (Chess, Pong, Battleship, 2D Platformer, etc.) in Python.
  - *Skills: Python, Turtle, Pygame, Game Development*
- Loan Approval Predictor
  - Built a logistic regression neural network from scratch in Python to predict home loan approvals.
  - *Skills: Python, Machine Learning, Neural Networks, Data Structures*
- Super Lario (JavaFX Platformer)
  - Created a 2D platformer game as a group project using JavaFX for the user interface.
  - *Skills: Java, JavaFX, Team Collaboration, Game Development*
- ROS Object Recognition & Retrieval Robot
  - Designed a robot that used YOLOv4 for object detection, room classification, and voice commands for item retrieval.
  - *Skills: ROS, Python, Computer Vision, YOLOv4, Voice Control, State Machines, Robotics Simulation*