

# Aishah Isap

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A motivated Year 13 student with a strong interest in project management within technical environments. Studying A Levels in Mathematics, Statistics and Computer Science, with excellent analytical, numeracy and problem-solving skills. Experienced in project-based work through industry programmes and large-scale extracurricular initiatives, demonstrating strong organisation, communication and teamwork skills. Technically confident, with experience in programming, IT systems and emerging hardware technologies, alongside the ability to analyse data and manage tasks effectively. Highly motivated to develop professional project management skills through a degree apprenticeship, contributing to planning, coordination and delivery of complex projects while gaining hands-on industry experience.

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## Education

### ***Cardinal Newman College, Preston.***

**Sep 2024 – Current**

**A-Levels:** Mathematics (A), Statistics (A) and Computer Science (A\*) [PREDICTED]

**EPQs:** CIISec Cyber Security EPQ (A\*) [PREDICTED]

### ***Preston Muslim Girls High School, Preston***

**Sep 2019 – June 2024**

**GCSEs:** Geography (8), Religious Studies (8), Mathematics (8), Chemistry (8), Physics (8), Biology (7), Computer Science (7), French (6), English Language (6), English Literature (6).

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## Work Experience

### ***Industrial Cadet (Silver Award)***

#### ***BAE Systems***

**Nov 2024 – Dec 2024**

Participated in a structured industrial programme gaining insight into engineering and technology careers. This involved:

- Collaborating with a team to design and present an engineering-based project to industry mentors.
- Developing key skills in teamwork, problem-solving, and communication while working on real-world challenges.
- Learning about engineering processes, innovation, and sustainability within a professional environment.
- Earning the Industrial Cadet Silver Award for commitment, creativity, and technical achievement.
- Used CAD software to design humanitarian robot.

### ***DEC Connect Award: Design a Home For Everyone (Architecture Project)***

#### ***Wilmott Dixon (EDT)***

**Dec 2023 – Feb 2024**

Took part in a national architecture and design challenge focused on inclusive housing solutions. This involved:

- Designing an accessible and sustainable home concept for diverse user needs.
- Applying creativity, teamwork, and digital design skills to produce detailed design proposals.
- Presenting project ideas to industry professionals (such as architects and chartered surveyors), receiving the DEC Connect Award.
- Gaining first-hand experience of architectural design principles and the construction industry.
- Multiple visits to Wilmott Dixon housing construction site and meetings with architects, project managers, chartered surveyors.

***Inclusive Futures: Engineering***

***Jaguar Land Rover***

***Dec 2023 – Dec 2023***

Took part in the Inclusive Futures programme, gaining insight into the automotive and engineering industry through workshops and webinars. This involved:

- Attending virtual sessions led by Jaguar Land Rover engineers and industry professionals.
- Learning about sustainability, innovation, and future technologies in automotive design and manufacturing.
- Exploring career pathways in engineering and technology, and understanding real-world applications of STEM.
- Engaging in Q&A sessions to deepen knowledge of industry challenges and opportunities.

***Volunteer Maths and English Tutor***

***Independent Programme***

***Jan 2023 – present***

Provided academic support to primary pupils and non-native English speakers. This involved:

- Delivering one-to-one and small group tutoring sessions in Maths and English.
- Assisting children in developing language skills, numeracy, and exam confidence.
- Adapting teaching methods to suit different abilities and language backgrounds.
- Fostering a positive learning atmosphere that encouraged curiosity and self-belief.

***Student Mentor***

***School Mentoring Programme***

***June 2025 – present***

I support younger students academically and personally, helping them adjust to school life and reach their full potential. This involves:

- Providing guidance and encouragement to younger pupils, helping them build confidence and positive study habits.
  - Assisting with academic work and revision techniques, particularly in subjects I am studying (maths, computer science, and statistics).
  - Acting as a reliable role model, promoting teamwork, good behaviour, and a supportive school community.
  - Developing leadership, empathy, and communication skills through mentoring sessions and school events such as taster days.
  - Working closely with staff to ensure mentees receive the help and motivation they need to succeed.
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## **Skills Summary**

### ***Interpersonal skills:***

- Confident in explaining technical concepts clearly to both technical and non-technical audiences.
- Experienced in writing concise project reports and documenting code to support teamwork and project continuity.

### ***IT skills – python and C#:***

- Developed small-scale applications using Python and C#, demonstrating understanding of programming logic, debugging, and object-oriented design.
- Familiar with using libraries and APIs to automate processes and solve real-world problems efficiently.

### ***Attention to detail, Logical and Analytical Thinking:***

- Able to identify and resolve coding errors through systematic testing and debugging.
- Approach technical challenges with logical reasoning to produce accurate and reliable solutions.

### ***Organisation and Time Management:***

- Manage multiple tasks effectively, including coding projects, coursework, and deadlines.
- Use digital tools to plan workloads and track progress for consistent performance.
- meet deadlines consistently by setting clear milestones and managing workload efficiently.

### ***Team working:***

- Collaborated with peers on coding and problem-solving projects, sharing feedback and supporting others to meet group goals.
- Value open communication and respect for diverse ideas within a team environment.

### ***Initiative:***

- Proactively explore new programming tools and frameworks to improve skills and stay updated with technology trends.
  - Take independent action to troubleshoot issues and research solutions before seeking help.
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## **Additional Information**

### ***Additional Languages:***

- Arabic Theology, morphology and syntax (Reading, writing)
- Urdu (Reading, writing, Speaking)

### ***Hack Club:***

*Event Organiser, Mentor & Participant*

***September 2025 – present***

- Member of the events team for large-scale Hack Club initiatives, including Campfire Manchester and Sleepover, Athena Initiative (an international hackathon hosted in Chicago), supporting the planning and delivery of events for teenagers worldwide.
- Organise and contribute to lock-in calls, virtual workshops and beginner-friendly sessions, collaborating with international teams to improve participant engagement and accessibility.
- Work with sponsors and external partners, supporting logistics, communication and coordination across teams and time zones.
- Active participant in Hack Club technical events, developing programming, IT and problem-solving skills through hands-on projects and challenges.

- Currently expanding technical knowledge into hardware development, including introductory work with PCBs, strengthening analytical and practical engineering skills.
- Supporting participants with technical challenges and promoting collaboration in a fast-paced environment.
- Developing strong organisational, leadership, communication, and stakeholder management skills through project-based work.