

MARYAM BILAL AHMED

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EDUCATION

Lahore Grammar School, OPF, Lahore

Cambridge A Levels · Expected Graduation: June 2027

- Subjects: Economics, Mathematics, Further Mathematics, Physics, English Literature

PakTurk Maarif Asifa Irfan Girls Campus, Lahore

Cambridge O Levels · Completed: 2025

- Grades: 11 A* and 1 A
 - O2 & O3 Batch Topper Award (highest overall grades in cohort)
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HONORS & AWARDS

- **O2 Batch Topper**, PakTurk Maarif Asifa Irfan Girls Campus – 2024
 - **O3 Batch Topper**, PakTurk Maarif Asifa Irfan Girls Campus – 2025
 - **100% Merit Scholarship for A Levels**, Lahore Grammar School – Academic year 2025 - 2026
 - **SAT**: 1420 – August 2025
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RESEARCH & PROJECTS

Student Researcher – Economics of Happiness · 2025 – Present

Independent Project

- Co-leading a mixed-methods research project on the **economics of happiness** across different regions of Pakistan.
- Conducted ~**38 interviews** with workers and business owners in **Hunza, Karachi and Lahore**, exploring how people define “happiness” vs. “satisfaction” in their daily lives.
- Currently coding interview responses and co-writing a paper that connects primary data with happiness economics literature.
- Planning dissemination through a written, published paper

Essay Researcher – International Economics Olympiad (IEO) Essay Challenge · 2025

- Wrote a ~**2,500-word** essay on how **formal and informal employment** affect fertility outcomes of women working in the garment industry.
- Drew on **7–10 published reports and research articles**, synthesising insights from labour economics, gender studies and development economics.
- Strengthened skills in independent research, economic reasoning and academic writing.

Academic Competition Preparation – PNEC / IEO Pathway · 2025–Present

- Preparing for the **Pakistan National Economics Competition (PNEC)** as a pathway to representing Pakistan at the **International Economics Olympiad**.
- Deepening knowledge in microeconomics, macroeconomics and quantitative reasoning through problem sets, past papers and targeted reading.

INTERSHIPS & WORK EXPERIENCE

Build Up Intern – Orangewood Labs (Robotics) · [December 2025 – February 2026]

Remote / Lahore, Pakistan

- Selected for the **Build Up** internship programme at Orangewood Labs, a robotics startup building affordable robotic arms.
- Researching **high-impact robotic use cases** in food service and industrial sectors, focusing on repetitive workflows, quality control and labour constraints.

- Mapping use cases across different industries and comparing them using criteria such as scalability, ease of deployment and potential ROI.
 - Supporting early **go-to-market** thinking by compiling market data, competitor examples and field insights.
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LEADERSHIP & ACTIVITIES

General Secretary (previously Member) – Entrepreneurship Club

PakTurk Maarif Asifa Irfan Girls Campus · 2023 – 2025

- Member in O1 and O2, attending and engaging in sessions on business and entrepreneurship.
- Elected **General Secretary in O3**, supporting the overall functioning of the club.
- Organised a **creative business pitch session** where students presented startup ideas.
- Designed and delivered an **intro to business and entrepreneurship** session for classmates who were completely new to the topic.
- Helped showcase existing **student-run businesses** in a dedicated session to highlight peer initiatives.

Director Registrations – PTMUN [V] (Inter-School MUN Conference)

PakTurk Maarif Asifa Irfan Girls Campus · October 2024 – January 2025

- Participated as a **delegate** in two school MUNs in O1 and O2.
- Promoted to **Director Registrations** in O3, managing registrations for participating schools and delegations.
- Coordinated communication, tracked applications and helped ensure a smooth experience for delegates and organisers.

Prefect – O2

PakTurk Maarif Asifa Irfan Girls Campus · 2024

- Supported classroom discipline and acted as a liaison between students and teachers.

- Frequently provided **informal tutoring** and explanations to classmates who were falling behind, especially in quantitative subjects.

Member – Math Club, Drama Club, English Literary Society

Lahore Grammar School · 2025–Present

- Active member of the **Math Club, Drama Club** and **English Literary Society**, with a focus on deepening problem-solving, communication and creative expression.

COMMUNITY SERVICE & VOLUNTEERING

Team Member – HumQadam (Disability Employment Initiative)

Lahore · Aug 2025 – Present

- Contribute weekly to **social media content and video scripts** highlighting the experiences and challenges faced by persons with disabilities seeking employment.
- Supporting work to identify and reach out to potential **partner companies** for inclusive hiring opportunities.
- Collaborating with the team on awareness campaigns and content that promotes accessibility and inclusion.

Co-Organiser – Talking Books Project (Human Library Model)

Lahore / Child Protection & Welfare Bureau · 2025

- Co-organised the first **Talking Books / Human Library** event to connect children with real-life “human books” instead of physical books.
- Helped design the event format and logistics, and invited **4 “human books”** (adults sharing their life and work stories).
- The event reached approximately **60 children (ages 12–18)** from the **Child Protection and Welfare Bureau**.
- Assisted with designing and collecting **survey feedback** to understand participants’ experiences.
- Currently working on creating **blog posts for each session** to document stories and reflections for a wider audience.

Volunteer – Shaukat Khanum Memorial Cancer Hospital

Lahore · [2024; 4–6 weeks]

- Volunteered for **4–6 weeks** in fundraising and patient support activities.
 - Contributed to fundraising efforts that helped raise approximately **15,000 PKR**.
 - Created supportive videos and wrote letters for patients, offering emotional encouragement under supervision.
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COURSES & CERTIFICATIONS

Google AI Essentials – Google · [December – 2025]

- Learned foundations of working with **generative AI tools**, prompt writing and responsible use of AI in everyday tasks.

Introduction to Psychology (Online Course) – [Coursera] · In Progress

- Exploring major areas of psychology, including cognition, behaviour, emotions and mental processes.

Quantitative Modelling (Online Course) – [Coursera] · In Progress

- Learning basics of **quantitative modelling**, including using data and mathematical models to support decision-making.

AI for Business (Online Course) – [Coursera] · In Progress

- Understanding how AI tools and data-driven decision-making are used in business contexts.
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SKILLS

Research & Analysis

- Qualitative Research (interviews, surveys) · Literature Review · Basic Data Analysis (Google Sheets)

Communication & Leadership

- Public Speaking · Academic Writing · Presentation Design (Google Slides) · Peer Tutoring & Mentoring · Event Organisation

Tools & Digital Skills

- Google Docs, Sheets, Slides · Canva · ChatGPT and other generative AI tools · CapCut (basic video editing)

Languages

- English (fluent) · Urdu (native)

INTERESTS

Happiness economics and behavioural science · Labour markets and gender · Education and access · Baking · Music