

Abdul Basit

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EDUCATION

Lahore University of Management Sciences (LUMS) BS – Computer Science	09/22 – Present (Anticipated: 05/26)
Islamia College Peshawar High School (Subjects: Maths, Phy & Chem)	09/20 – 05/22 Score: 95.45/100

• Completed seven teaching assistantships during undergraduate studies.

• Relevant Coursework: Advanced Programming, Applied Probability, Data Structures & Algorithms, Deep Learning, Network-Centric Computing, Network Security, Operating Systems, Software Engineering, Statistics & Data Analysis.

• Ranked 2nd in graduating batch of 2022.

• Best in Mathematics across the board.

EXPERIENCE

Lahore University of Management Sciences Undergraduate Teaching Assistant	09/23 – Present Lahore, Pakistan
• CS310/CS5102: Algorithms (Fall 2025) – Dr. Imdad Ullah Khan	
• CS501/EE515/MATH439: Applied Probability (Fall 2025) – Dr. M. Awais, Dr. Asim Karim	
• MATH230: Probability (Spring 2025) – Dr. Ijaz Haider Naqvi	
• MATH102: Calculus II (Fall 2024) – Dr. Waqas Ali Azhar	
• MATH120: Linear Algebra with Differential Equations (Summer 2024) – Dr. Waqas Ali Azhar	
• MATH101: Calculus I (Summer 2025) – Dr. Shehryar Sikander	
• MATH101: Calculus I (Fall 2023) – Dr. Haniya Azam, Dr. Asgher Ali	

PROJECTS

SALER x SQUID GAME Designed a collection of 3 strategic board games inspired by Netflix's <i>Squid Game</i> . Features dynamic theming, responsive design, and universal music control. <i>Technologies:</i> JavaScript, CSS, HTML	08/25 Demo
ColorGrid Built a real-time multiplayer 5x5 grid game with leaderboards and profile customization. <i>Technologies:</i> React, Node.js/Express, Socket.io, MongoDB	08/25 Demo
SmartCart Commerce (Group Project) Developed a full-stack e-commerce web application with product listings, shopping cart, and secure checkout. <i>Technologies:</i> Next.js, React, TypeScript, Tailwind CSS	01/25 – 05/25 Demo
Smart House System Engineered an automated home management system for water, temperature, and lighting using sensors and digital logic. <i>Technologies:</i> Sensors, Relays, Digital Logic	03/24 – 04/24 Poster

TECHNICAL SKILLS

Programming Languages: C++, C, Python, Go, JavaScript **ML/AI:** NumPy, Pandas, Matplotlib, Scikit
Web/App Development: HTML, CSS, Django, React, Next.js, Node.js
Miscellaneous: Git, MongoDB, Data Analysis, Mathematical Modeling, Bash, L^AT_EX

POSITIONS OF RESPONSIBILITY

Lead Teaching Assistant, Probability Led a team of 3 TAs in preparing assignments, quizzes, and grading. Conducted office hours and tutorials. Contributed questions to midterm and final exams.	01/25 – 05/25
Media & Logistics Director, LUMS Mathematics Society (LSMS) Organized flagship events (<i>Sigma IX</i> , <i>Integration Bee</i>) to promote problem-solving culture. Managed outreach and collaborations. Designed and maintained LSMS's social media presence (@lsmslums).	09/24 – 05/25

Last updated: January 3, 2026