

# Madiha Wasif

London, United Kingdom |P: +447448413738 | [madihawasif90@gmail.com](mailto:madihawasif90@gmail.com)

## OBJECTIVES

*Experienced Mathematics educator with over 10 years of proven success in teaching various mathematical subjects, including Algebra, Trigonometry, Geometry, Calculus, and Statistics. Skilled in designing engaging lesson plans, fostering critical thinking, and integrating technology tools to enhance student learning outcomes. Committed to creating a supportive classroom environment conducive to academic growth and achievement. Seeking an opportunity to leverage my expertise and passion for mathematics education to contribute to the success of a dynamic educational institution.*

## EDUCATION

### COMSATS UNIVERSITY ISLAMABAD (CUI)

*Master of Science in Project Management.*

- Cumulative GPA: 3.6/4.0

Abbottabad

Mar 2016

*Bachelor of Science in Computer Engineering*

- Cumulative GPA: 3.2/4.0
- Dissertation: Pulse induction metal detector

Abbottabad

Mar 2013

## CAREER PROGRESSION

### O-Level Mathematics and Computer Science Teacher

Jan 2019- Nov 2024

Beaconhouse School System, Main Campus Abbottabad, Pakistan

- Transitioned to teaching O-Level Mathematics and Computer Science for grades 9 and 10.
- Designed and delivered comprehensive curricula aligned with the Cambridge International Examinations (CIE) GCSE requirements.
- Utilized advanced teaching methodologies and technology-enhanced learning tools to facilitate student understanding and skill development.
- Actively engaged in assessment design, including creating and marking Cambridge assessments, to evaluate student progress and attainment.
- Continued to participate in ongoing professional development activities, including courses in classroom management, online teaching and learning, and developing reflective practitioners.

### Middle School Teacher

Mar 2013 -Dec 2018

Beaconhouse School System, Main Campus Abbottabad, Pakistan

- Started as a middle school teacher, responsible for teaching various subjects to students in grades 6-8.
- Developed engaging lesson plans tailored to the needs and learning styles of middle school students.
- Implemented effective classroom management strategies to maintain a positive and conducive learning environment.
- Participated in professional development workshops and training sessions to enhance teaching skills and pedagogical knowledge.

## SUBJECTS TAUGHT

---

- **Algebra and Trigonometry:**
  - Conducted comprehensive classes covering foundational topics in algebra and trigonometry, including equations, inequalities, functions, and trigonometric identities.
  - Implemented a variety of teaching strategies such as lectures, demonstrations, and problem-solving sessions to accommodate different learning styles.
  - Integrated technology tools and interactive software to enhance visualization and understanding of abstract concepts.
  - Monitored student progress through regular assessments and provided personalized feedback to address individual learning needs.
  
- **Geometry and Calculus:**
  - Designed and delivered dynamic lectures on geometry and calculus, covering geometric shapes, properties, and calculus principles.
  - Incorporated real-world applications and examples to demonstrate the practical relevance of mathematical concepts.
  - Facilitated hands-on activities and projects to promote exploration and discovery of geometric and calculus principles.
  - Fostered critical thinking and problem-solving skills through challenging exercises and group discussions.
  
- **Statistics and Probability:**
  - Led engaging discussions and practical exercises on statistical analysis, probability theory, and data interpretation.
  - Introduced students to statistical methods, including data collection, analysis, and inference.
  - Utilized case studies and real-life scenarios to illustrate the relevance of statistics in various fields.
  - Guided students in conducting research projects and analysing data sets using statistical software tools.
  
- **GCSE Mathematics:**
  - Covered a wide range of topics specified in the GCSE Mathematics curriculum, including numbers, algebra, geometry, statistics, and probability.
  - Designed lesson plans and instructional materials aligned with the GCSE syllabus and assessment objectives.
  - Prepared students for GCSE examinations by providing targeted practice exercises, past papers, and exam techniques.
  - Monitored student progress and provided additional support to address areas of difficulty, ensuring readiness for the GCSE Mathematics examination.

## ADDITIONAL

---

**Technical Skills:** Microsoft Word, PowerPoint, and Excel, Proficient in MATLAB, C++, C.