Hurmat Zehra Ahsan

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EDUCATION

Institute of Business Administration (IBA), Karachi, Pakistan. *2024*
Bachelor of Science in economics and mathematics (Deans list 3.6)
Cordoba School for A levels, Karachi, Pakistan (CAIE Advanced level) *2020*
St. Joseph's Convent School, Karachi Pakistan (CAIE Ordinary level) *2018*

EXPERIENCE

Pakistan Agricultural Research (PAR) *Dec 2023-Jan 2024*
- Extensive market research and SWOT analysis on competitors of the firm and their WhatsApp chatbot and daily Bulletin along with critical evaluation of data visualization and presentation in their monthly and weekly report
- Contention creation of two blogs for their website

KPMG Pakistan, Risk consultancy and management consultancy *July 2023-August 2023*
- Developed an Automated Expected Credit Loss Model, highlighting proficiency in data analysis and programming.
- Collaborated on a global research proposal for Electronic Warehousing Receipts, demonstrating effective project management.
- Acquired expertise in diverse financial models, including probability of default and market risk evaluation.
- Excelled in time series forecasting and statistical analysis, including the Kolmogorov-Smirnov test.

Teacher's Assistant, Institute of Business Administration *August 2022- December2023*
- Furthered my mathematics knowledge by teaching my fellow juniors Calculus and Statistical inferences.
- Was able to adapt to other teaching responsibilities by grading students and imparting my previous knowledge as a student.

Mathematics Instructor, IBA National Talent Hunt Program *June 2022-July2022*
- Spend the summer teaching students from diverse backgrounds preparing for the Entry exam at IBA.
- Reached students from Gilgit Baltistan KP province and learned informally about the education system in their areas to better contextualize their learning process.

Hydari Benevolent trust, Administrative Trainee *June2021-July2021*
- Established rapport with elderly widows, addressing their individual needs.
- Organized and streamlined registration of over 700 widows and divorcees through digitalization.
- Enhanced data accessibility and transparency for better management.
- Planned future engagement activities for the well-being of applicants like doorstep stipend delivery and regular house visits for isolated elderly.
- Collaborated and finalized MOUs with hospitals like Zainab Panjwai and Fatimiya for free health services.

Aitebar foundation, corporate associate *June 2021-July2021*
- Built Sponsor and Public relations with various MNCs for the social programs launched by NGO pitching for donations and sponsorship proposals.
- Learned how to pitch and market free from the fear of being ghosted.

Major Reports/ Research Work/Projects

Secondary development research work analyzing Foreign Aid as a significant alleviator for the existing poverty levels in Nigeria and examined Post pandemic existing poverty levels in India as part of academic assignments.

Blogs on Climatic distortion and Water insecurity to emphasize the pressing concern and possible solutions for the global economy.

Solved a Kaggle data science project on sound recognition of birds using k nearest neighbors' technique, with intensive data cleaning of the audio clips.

Interests and Skills

Reading, house décor| *Languages*: English, Urdu and basic Punjabi *Technological*: Stata, EViews, Python, SPSS, Latex, Logo, visual basic, basic R

Certifications/ Courses

- EDCC certification on Microsoft Office
- SME trade academy, How to analyze trade flows
- Navigating the pathways of publishing in High-quality journals by using Scopus