FARAH IBRAR

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PROFILE

I am a dedicated Biomedical Sciences (Immunology) graduate from the University of Westminster, showcasing adeptness in communication, critical & analytical thinking, problem-solving, and leadership. My experience has equipped me with proficiency in SPSS, Python, R, MySQL Workbench, and Tableau, underscoring my commitment to data-driven analysis. My fascination with data analysis and visualization propels my quest for roles in these domains. I am actively steering my career transition towards the data analytics sector, aiming to fuse my interdisciplinary proficiency to fulfil my aspiration to work in a data-driven role.

SKILLS & COMPETENCIES

Soft Skills: Communication, Adaptability, Flexibility, Teamwork, Presentation, Organization, Analytical thinking, Leadership, Problem-solving

Hard Skills: Microsoft Office, MySQL Workbench, SPSS, Python, R, Tableau, Data Manipulation, Data Visualization

EDUCATION

MSc Biomedical Science (Immunology) – Grade: Distinction
University of Westminster, London   Sep 2022 – Sep2023

BSc (Hons) Biomedical Sciences – Grade: 2:1
University of Westminster, London   Sep 2019 – Jul 2022

A-Levels – Grade: A, D*D (152 UCAS points)
Rochdale Sixth Form College, Manchester   Sep 2017 – Jun 2019

GCSE – Grade: A*- C
Kingsway Park High School, Manchester   Jan 2016 – Jun 2017

WORK EXPERIENCE

Gene Editors of the Future, Intern
University of Westminster Human Genome Engineering Laboratory, London   Oct 2022 – July 2023
Top skills: Research, Attention to detail, Data Analysis and Workload Management
- Extensively researched CRISPR/Cas9 principles and successfully completed training, fueled by a passion for cutting-edge technologies and their potential to revolutionize medicine.
- Demonstrated attention to detail and expertise in designing precise sgRNA sequences to creating knockouts/knock-ins using CRISPR-Cas9/Cas12.
- Proficiently analyzed data from PCR, Sanger sequencing, and target site analysis for DNA amplification and verification.
- Successfully managed high volume of workload through efficient organization and multi-tasking to meet deadlines.

Student Caller
University of Westminster Telethon, London   Oct 2021 – June 2023
Top skills: Verbal Communication, Relationship Management and Organisation
- Motivated and guided alumni to contribute to the '125 Fund', resulting in a substantial increase in funds raised.
- Successfully developed long-lasting relationships with alumni through effective communication.
- Leveraged advanced software tools such as Vonage and Buffalo to organize task management efficiently.
- Proactively provided continuous support to prospective students and helped address their queries and concerns.

Westminster Working Culture Programme, Intern
University of Westminster, London   June 2022 – June 2022
Top skills: Market Research, Presentation (PowerPoint), Teamwork and Verbal & Written Communication
- Selected out of 250 applicants for the Santander WWC UK program to gain professional and career insights on business strategy and professional growth from 23 motivational alumni speakers.
- Collaboratively conducted in-depth exploration of the UK job market to critically analyze trends, identify opportunities, and assess potential challenges.
- Prepared high-quality presentations to document findings and present complex concepts to business professionals.

Teaching Assistant

University of Westminster, Cavendish, London   July 2021 – Nov 2021

Top skills: Problem-Solving, Knowledge Sharing and Effective Communication
- Selected as a teaching assistant based on exceptional academic performance.
- Utilized exceptional interpersonal skills to understand student issues/problems and support them in their studies.
- Effectively relayed cohort feedback to university officials and provided creative solutions to improve course design and therefore student experience.

TECHNICAL EXPERIENCE

R & SPSS:
- Exercised proficient coding throughout university to complete empirical projects.
- Analysis included descriptive statistics, inferential statistics, data manipulation, data visualization, regressions, predictive modelling, and Analysis of Variance (ANOVA).

Python:
- Successfully completed 'Python Training Workshop' at UoW to learn data analysis and manipulation.
- Gained valuable hands-on experience in handling various data types, conducting exploratory data analysis and, using Scikit-learn to build machine learning models.
- Proficiently exercised acquired skills in MSc project which involved data collection from a variety of sources to clean, reshape and analyze complex datasets to achieve high data quality and consistency.

MySQL Workbench:
- Successfully completed 8-week SQL course by Deloitte which involved database management, data manipulation, access control, and transaction management to retrieve useful insights from data.
- Competently utilized in my MSc Project to develop a novel database storage solution (RBMS) for biological data by skillfully coding and executing SQL queries to design, model, extract, and process big data.
- Curiously explored Enhanced Entity-relationship (EER) Diagrams and Visual Explain to manage data pipeline.

HTML, JavaScript, CSS:
- Successfully completed a 5-day coding challenge on web development by the Code Institute.
- Developed interactive webpage using HTML, JavaScript, and Cascading Style Sheets (CSS) which contained features of responsive design, interactive design, accessibility and optimization techniques.

Tableau:
- Creatively developed compelling data visualizations and dashboards on various topics using different types of data (Tabular, Time series, Spatial, Statistical, Text).
- Improved data visualization skills using charts, radial bar, boxplots, scatter plots, lollipop charts, pie charts, donut charts and area charts to extract and present key insights from complex data.

POSITIONS OF RESPONSIBILITY

Student Ambassador

University of Westminster, London   Sep 2020 – Sep2023

Top skills: Organisation, Responsibility, Leadership and Collaboration
- Exhibited a flexible approach to work, independently multi-tasking and managing responsibilities under pressure during university events such as UCAS fairs, Open Days, and school group access activities.
- Confidently demonstrated strong leadership by managing others to create the best experiences for prospective students.
- Enthusiastically collaborated with fellow ambassadors in various teams to provide assistance to prospective students during events, ensuring a hospitable experience through excellent verbal communication skills.

ACHIEVEMENTS

Best Progress Award (2019 & 2020), Rochdale Sixth Form College – Outstanding academic progress and learning

Rochdale School's Badminton Championship Winner (2019)

Sports Achievements, Secondary School – Multiple trophies for winning cricket and badminton tournaments

INTERESTS & HOBBIES

Interests: Data Analysis, Data Science, Programming, AI, Bioinformatics, Biostatistics, Consulting
Languages: English (Fluent), Urdu (Native), Punjabi (Native), Hindi (Verbal fluency)
Hobbies: Sports (Badminton and Cricket), Music, Cooking, Content Creation & Video Editing, Photography