FARAH IBRAR

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SUMMARY

I am a dedicated Biomedical Sciences graduate from the University of Westminster with proficiency and hands-on experience in data analysis, data visualization, and relational database management projects using **Python, SQL, R** and **Tableau**. With positions as student ambassador, student caller, and teaching assistant, I have developed effective **communication**, **collaboration**, and **problem-solving** skills. I am actively seeking career opportunities in data science and analytics. I have the permanent right to work in the UK**.**

EDUCATION

MSc Biomedical Science (Immunology) | Distinction | University of Westminster, London | Sep 2022 – Sep2023
- Final Project: Relational Database Solution for Biological OMICS Data (Grade: **82%)**

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

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

WORK EXPERIENCE

Student Ambassador | University of Westminster, London | Sep 2020 – Sep 2023
- Coordinated and spearheaded university events like UCAS fairs and Open Days, engaging prospective students with the university's culture, amenities, and educational framework.
- Demonstrated adaptability in the workplace, juggling various tasks autonomously and navigating tight deadlines with ease.
- Teamed up with peer ambassadors to innovate and streamline event management processes, enhancing overall efficiency.

Student Caller | University of Westminster Telethon, London | Oct 2021 – June 2023
- Engaged actively in a student-led fundraising initiative, securing contributions to bolster student employability prospects.
- Persuasively articulated the fund's significance to alumni, galvanizing support and achieving over **£124,000** in donations.
- Utilized sophisticated software like Vonage and Buffalo to optimize task coordination and elevate operational productivity.

Teaching Assistant | University of Westminster, London | July 2021 – Nov 2021
- Applied strong interpersonal abilities to diagnose and address student challenges, enhancing their academic experience.
- Maintained a positive and professional attitude in all interactions with **200+** students, faculty, and university staff, nurturing a collaborative learning environment and strong relationships.
- Conveyed student feedback to academic leaders and proposed actionable improvements to course content, contributing to a **16%** boost in student satisfaction rates to **87%.**

PROJECTS

Tableau | Self-learning | Sep 2023 – Present
- Crafted engaging data visualizations and dashboards using diverse datasets, including Tabular, Time series, Spatial, Statistical.
- Employed a variety of visualization tools such as charts, radial bars, boxplots, scatter plots, lollipop charts, pie charts, donut charts, and area charts to reveal and highlight critical insights from intricate data.

SQL Database Management System | Deloitte – CodeForGirls, UK | March 2024 – April 2024
- Engineered a robust relational database management system during an intensive 8-week **SQL** course.
- Mastered **SQL** data types, constraints, and data integrity techniques to enforce data quality and consistency across datasets.
- Formulated and executed complex queries for data aggregation, filtering, and joining **30+** interconnected datasets to extract pivotal insights for analysis.

MSc Final Project | University of Westminster, London | Sep 2022 – Aug 2023
- Devised and established a relational database for biological OMICs data, orchestrating an **ETL** process in **SQL** to streamline the modelling, extraction, and processing of over **40** large-scale public datasets.
- Leveraged **Python** to refine, transform, and scrutinize complex datasets, addressing missing values, standardizing formats, mitigating outliers, and removing duplicates to assure data integrity and uniformity.

BSc Final Year Project | University of Westminster, London | Oct 2021 – May 2022
- Analysed and interpreted gene expression for Lung adenocarcinoma (LUAD), leveraging over **20** public datasets.
- Utilized bioinformatics tools such as DESeq2, BioStrings, and GenomicRanges within the Bioconductor suite in **R** to perform gene expression analysis, complemented by ggplot2 for clear and informative data visualization.

LANGUAGES, SKILLS AND CERTIFICATIONS

- **Languages:** English (Fluent), Urdu (Native), Punjabi (Native), Hindi (Verbal fluency)
- **Skills:** Microsoft Excel, SQL, Python, SPSS, R, Tableau, HTML, CSS, JavaScript
- **Certifications:** Data & SQL – Deloitte, Code Institute Coding Challenge (HTML, CSS, JavaScript)