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 of **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** and **Excel** 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:** Advanced SQL – HackerRank, Data & SQL – Deloitte, Code Institute Coding Challenge (HTML, CSS, JavaScript)