Vanshika Singh

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Work Experience

Unilabs – Histology Department — London, UK
Medical Laboratory Assistant — *Sep 2023 – Aug 2024*
- Took responsibility for several steps in the histology sample testing and diagnosis process, such as dehydration and cutting-up, processing client samples under **extreme time pressure**, including **same-day processing**
- Took initiative to improve daily laboratory process, for example by implementing kanban cards in the sample booking-in process, reducing the rate of incorrect data processing by around **20%** and making this process much easier for lab assistants to complete
- Strictly upheld GDPR regulations when handling sensitive client/patient data, including when transferring data between client company(s), internal system and patient hospital, as well as between new and legacy software systems

SS&C Technologies — London, UK
Fund Accounting Intern — *Jun 2023 – Aug 2023*
- Compiled monthly financial statements such as Net-Asset-Value packs, Profit-and-Loss statements, capital calls, accruals and transaction files to a tight deadline
- Used Microsoft Excel to process client data to the absolute maximum quality level, including using several double-check mechanisms to ensure zero mistakes
- Analysed confidential client data and presented analysis reports in client-facing meetings
- Presented data insights, lessons learned and internship feedback to regional managers from Europe, USA and the Middle East

Synnovis (Formerly Viapath) — London, UK
Blood Cultures Intern — *Jun 2022 – Aug 2022*
- Prepared and presented a report on patient statistics to Senior Cellular Pathologist and suggested efficiency improvements for the department, for example that two extra incubators would decrease sample processing time by around **25%**
- Gained a practical understanding of the role of contracting companies in the success of the NHS

Education

University of Warwick — London, UK
BSc, Biomedical Sciences — *Sep 2020 – Jun 2023*
- **Grade Attained:** 1st Class, **82% overall**
- **Dissertation:** "Using serum biomarkers to detect early relapse and maximum response on IgM multiple myeloma" Used SPSS to run Cox regression analysis on a clinical trial dataset. Generated Kaplan-Meier graphs to compare clinical trial data to the current gold-standard and presented these results in 3rd year thesis
- **Epidemiological studies module:** used a differential equations model to predict the spread of a disease, including modelling the stochastic nature of transmission. Built epidemiological modelling skills which are **directly transferrable to financial modelling**

Other Skills

Software Skills
- Confident with MATLAB for mathematical modelling
- Confident with SPSS for data analysis and visualisation
- Confident with Microsoft Excel for accounting and mathematics related functions
- Familiar with basic Python for data analysis and visualisation, and keen to expand on these skills

Language Skills
- Native-speaker of both English and Hindi