

RIFAT KHAN

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Profile

As a highly motivated graduate, I have gathered a range of experiences during my studies. With such a diverse curriculum, I have become skilled in many different areas both practically and theoretically. A combination of my previous work experience, qualifications and a continuous need to develop personally and professionally demonstrates that I enjoy challenges and always rise to meet my own expectations and those of my employer. I am looking for a research role in infection sciences, with a specific interest in clinical microbiology.

Education and Qualifications

University of Bradford

2019 – 2022

BSc (Hons) Biomedical Sciences: 2.1 (predicted)

Modules studied include:

Biochemistry	68%	Haematology	64%
Human Endocrinology	69%	Microbiology	65%

Montgomery High School, Leeds

2014 – 2019

A Levels: Biology (B), Chemistry (C) and Mathematics (B)

GCSEs: 8 subjects (2As*, 3As and 3Bs) including English, Mathematics and Science

Laboratory Skills

- Excellent knowledge of basic laboratory techniques including protein analysis and titration methods of quantitative chemical analysis used to determine the concentration of reagents of known and unknown substances.
 - Appropriate aseptic techniques used to obtain samples, including sterilising loops to streak individual colonies onto agar and then carrying out serial dilutions to reduce the concentration of cells in samples.
 - Competent in using a light microscope to observe cell structures and spectrophotometers to measure the transmittance of solutions.
 - Accurate testing of urine and blood samples for disease, such as testing for urinary tract infection.
 - Careful data handling and analysis, for example, to find the normal body functioning ranges.
 - Maintaining professional standards of health and safety.
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Relevant Work Experience

Research Volunteer, University of Bradford

Jan – March 2019

- Volunteered to assist a post-doctoral researcher in the Institute for Cancer Therapeutics with her experiments associated with research into bacterial lipoproteins as vaccine targets.
- Work had to be 100% accurate and planned meticulously.

Key Skills

Communication and presentation:

- My degree gives me the opportunity to socialise with a group of people which includes a diversity of different cultures and age groups. I have developed confidence in communicating with others and working with a wide range of peers.
- Verbal communication skills were developed through liaising with suppliers at ABP News, where I conversed in a clear and concise manner and negotiated prices and delivery dates.

Adaptability:

- As a personal tutor I regularly adapted my manner and style, dependent on the person I was dealing with, showing my ability to work flexibly to suit the needs of others.
- Within my Research Volunteer post I regularly changed my work plans to support the work of my supervisor, by initiating meetings and working flexibly within the team.

Team working:

- At Age UK, I worked with other volunteers, agreed tasks and completed them efficiently.
- Group based projects at university have developed my skills in working within a team to meet targets, share tasks, compromise and work with individuals who might not have the same goals as my own.
- Playing volleyball and archery has taught me fair play, how to discuss and plan tactics, how to be supportive and how to listen and value others' opinions or strengths.

Innovation:

- Within my role with Age UK, I took responsibility for creating and organising themes to market available stock effectively and increase sales. I chose seasonal and topical window displays to attract customers to the shop.

Other Work Experience

Private Tutoring

March 2019 – present

- As a Mathematics Tutor for a range of pupils, I overcame problems through creating individual plans to facilitate my students' learning.
- I also constructed academic target plans for my students and motivated them to succeed.
- Adapted to online sessions and expanded scope of lessons during COVID-19 lockdown.

ABP News, Leeds

Summer 2019

- Responsible for overseeing the work of seven staff at this busy newsagents and general store, while also working as a cashier providing courteous and prompt customer service.
- Dealt with stock ordering, banking, and resolving customer complaints efficiently and politely.
- Organised monthly staff rotas according to business needs, negotiating with staff as required to fill unpopular shifts.

Volunteer at Age UK, Headingley, Leeds

Oct 2017 – Sept 2018

- Here I created displays in the shop and supported customers with their enquiries.
- I also organised and coordinated fundraising activities in the local area.

Positions of Responsibility and Interests

- Treasurer of the Biomedical Sciences Society; responsible for a budget of £3,000. Led the organisation of a trip for 50 students to a scientific conference in Berlin.
- Course Representative, which involves negotiating solutions to issues put forward by fellow students at course management meetings and informally with staff.
- Active member of archery and volleyball societies, I also have a keen interest in yoga and running.
- Participated in the Cancer Research Race for Life run in 2021.

References

Names and addresses of two referees are available on request.