

ANAND AGGARWAL

2nd Year MChem with Industrial Placement Student

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PERSONAL PROFILE

I am a strong, multidisciplinary student with a wide range of interests. Whilst being a current Chemistry student at the University of Bath, I share a similarly strong interest in Data Science and, as a result, am taking up an Industrial Placement at Kindeva Drug Delivery as a Data Scientist in July 2022.

I maintain a strong interest in education, particularly in social mobility. I tutor some of the most disadvantaged pupils at KS4 through the National Tutoring Programme and, after a 15-week scheme of tutoring, I have been shown to have boosted attainment by 35%. I have taken this interest further and sit as the Vice-Chair of a LGB for a primary school and am also an independent trustee at my university's Students' Union. I have used my strong understanding of data to support monitoring in both of those roles.

EDUCATION

2020 – present **MChem Chemistry with Industrial Placement**

University of Bath

Finished 1st Year with 68% average (2:1)

1st Year Units:

Grade: 2nd Year Units:

Grade:

The chemistry of everyday things	75%	Computational chemistry	
General practical chemistry	71%	Symmetry and group theory	
From molecules to materials	68%	Principles of physical chemistry	
Foundation chemistry laboratory	63%	Practical Chemistry	
Fundamentals of organic chemistry	60%	Analytical chemistry	
Atomic structure, bonding, and the Periodic Table	68%	Organic synthesis, reaction mechanisms and spectroscopy	
Introduction to environmental and sustainable chemistry	74%	Inorganic synthesis, structure and reactivity	

2013 – 2020

Kingston Grammar School

A Levels in Physics, Chemistry, Maths, Further Maths and EPQ - A*, A*, A*, A, A*

GCSEs - 6 A*, 3 A, B

WORK EXPERIENCE

ROLE	COMPANY	DATES
Trustee	Students' Union (Bath)	June 2022 – Present

In the short time I have been in this role, I have been able to highlight challenges associated with this year's exam series and to provide a student perspective to SU officers. I aim to ensure that priorities associated with the development plan are monitored and that my data analysis skills can lead to better governance.

Governor **Mulberry Park Primary School** **October 2021 – Present**

As an individual new to governance, I have undergone lots of training to better understand the role. Through this, I have been able to challenge the head successfully and my recent appraisal was very strongly positive. I have developed frameworks for regular monitoring and reporting to the LGB and designed induction training for new governors. I have since been made Vice-Chair of the LGB.

Data Analyst **Association of Corporate Treasurers** **July 2021**

Reviewed customer journeys and behaviours when students registered for and completed units/ passed exams. Examined whether there were any trends in a sample and, once presented to management, I expanded my analysis to the full dataset. The analysis was used by the finance team to produce more accurate forecasts and by the qualifications team to target which units require more support for students.

Academic Tutor **Manning's Tutors** **November 2020 – Present**

As a tutor within the National Tutoring Programme (NTP), I work with disengaged and disadvantaged students in Maths and Science to catch up on lost learning due to the pandemic. I have provided over 175 hours of quality tuition and boosted student attainment by 35%.

SKILLS

SKILL	DESCRIPTION	EVIDENCE
Governance	<i>Experience in a variety of governance settings, both corporate and educational. Key experiences include setting up monitoring frameworks as well as designing and implementing induction training for new members.</i>	<i>Vice Chair of Mulberry Park's LGB Trustee at the Students' Union for the University of Bath.</i>
Data Analysis	<i>Adept at cleaning and identifying trends within sample sets. Experienced at extending to large data sets and writing up observations and recommendations.</i>	<i>Certificates: Microsoft Azure AI AI-900 ☑ Microsoft Azure Data DP-900 ☑ Internship at the ACT</i>
Project Management	<i>Exceptional time management skills. Experienced at managing a team under high pressure situations and achieving goals for key stakeholders.</i>	<i>Stage Manager for 6 productions, including at the Edinburgh Fringe Festival 2019. Director of successful web design business.</i>
Coaching	<i>Private Tutor for over three years, building a great rapport with students. Achieved measured success, increasing attainment by 35%.</i>	<i>Qualification for Tutors CPD; Qualified Tutor</i>

REFERENCES

Available on request.