

Adaptable and creative second year Chemistry student at Cardiff University with a passion for STEM education and outreach. Possess strong communication and presentation skills honed through work experience. Seeking a placement within UKRI's STEM outreach initiatives to ignite scientific curiosity in the public and create a new appreciation for chemistry amongst diverse audiences. Keen to contribute to UKRI's mission of advancing public knowledge through meaningful science communication and engagement.

## EDUCATION

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**Chemistry with a Year in Industry (MChem),** Cardiff University 2023 – 2027

- **Communicating Chemistry:** Effectively communicated aspects of chemistry to both expert and non-expert audiences and presented scientific information in a variety of formats to audiences with a range of scientific literacy.
- **Introduction to Green and Sustainable Chemistry:** Understood the current challenges such as climate change, environmental pollution, CO2 emission, waste generation.

*Cardiff Sixth Form* 2021 - 2023

- **A Levels:** Chemistry A\*, Maths A, History B

*Cardiff School* 2016 – 2021

- **GCSEs:** 11 x 9- 4, including Maths, English and Science

## RELEVANT EXPERIENCE

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**Science Writer Internship,** *The Royal Society of Chemistry* July – Sept 2023

- Gained hands-on experience in science writing and editing by contributing to Chemistry World articles and communicated complex scientific concepts effectively to a diverse audience while adhering to editorial guidelines and standards.
- Conducted research on current trends and developments in the field of chemistry to contribute to the content of Chemistry World. Developed skills in fact-checking, sourcing information, and synthesising scientific literature to produce accurate and engaging articles.
- Facilitated in maintaining Chemistry World's digital presence by contributing to social media campaigns, creating multimedia content, or engaging with readers through online platforms.

**Volunteer,** *Cardiff Science Festival* February 2023

- Communicated science concepts effectively to diverse audiences through public speaking engagements and event demonstrations, fostering greater public engagement with scientific ideas.
- Supported the execution of Cardiff Science Festival events, ensuring smooth operations and maximising the impact of each activity on the local community.
- Demonstrated dedication to the festival's mission by volunteering time and effort, contributing to the success of the event, and fostering a sense of community among participants.

## SKILLS

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**Communication:** Proficient at communicating complex scientific concepts to both technical and non-technical audiences through writing articles, delivering presentations, and participating in event demonstrations. Demonstrated adaptability in tailoring written communication approaches to be tailored to the scientific literacy levels of the target audience, ensuring accessible language to engage and educate the public.

**Problem-solving:** Possess outstanding critical thinking and decision-making abilities to promptly solve complex problems, as demonstrated by analysing scientific challenges and formulating innovative solutions during Chemistry degree. Quickly adapted to unexpected situations during outreach events, employing resourcefulness and creativity to overcome obstacles.

**Organisation:** Exemplified strong organisational skills, adept at prioritising tasks and managing time during deadlines, excelling in efficiently coordinating tasks, meeting deadlines, and fulfilling responsibilities during MChem while sustaining outstanding academic performance and active engagement in extracurricular activities.

**Teamwork:** Proactively builds positive relationships with colleagues by helping when needed, actively participating in team activities; encouraging a collaborative work environment. Demonstrated strong teamwork skills as a Cardiff Science Festival Volunteer, working closely with fellow volunteers and event organisers to ensure seamless coordination of activities, contributing to the success of the event.

## FURTHER EXPERIENCE

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**Events Steward and Customer Services Assistant, Principality Stadium** 2021 – Present

- Delivered exceptional customer service during events at Cardiff Principality Stadium, ensuring all customers have a positive and memorable experience.
- Assisted with diverse enquiries and support a busy team in managing various tasks to ensure the smooth operation of events.
- Maintained composure and professionalism, carefully handling challenging situations that arose during high-pressure events, prioritising customer satisfaction and safety.

## INTERESTS

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**Travelling |** Travel during gap year and exposure to diverse cultures have led to a deeper understanding of diversity and improved abilities to connect with people from various cultural and socioeconomic backgrounds.