

- Interpreting and translating complex scientific information, theories and practices into clear, concise and accurate written content tailored to a variety of target audiences
- Working with scientists to gain subject expert input and knowledge regarding the courses that we were designing
- Creating graphics for classrooms and e-learning platforms using Microsoft Office PowerPoint, GIMP, Inkscape and PhotoScape
- Designing, creating and scripting e-learning content using the Adapt authoring tool

HOBBIES AND INTERESTS

- Acting
- Astrophotography
- Computers
- Hiking
- Ice climbing
- Snowboarding
- Volleyball
- Collaborating with team members to complete projects, including breaking down projects into smaller tasks and setting deadlines
- Taking lead in e-learning development and teaching other team members new methods of improving the user interface and interactivity through CSS coding
- Adding LaTeX code to e-learning courses to display scientific equations in browsers
- Creating and editing videos for e-learning platforms in Camtasia, uploading videos to Vimeo, and scripting and inserting closed captions
- Designing the course pages on Moodle and uploading the completed SCORM packages

STEM Outreach

2016 - 2021

In my final year of my undergraduate degree, I became a STEM Ambassador and where I visited primary schools around Wales to conduct science lessons. This involved working with teachers to create and deliver engaging lessons and communicate complex, technical ideas in a way children would understand. I continued to be a STEM ambassador in London until 2021, taking part in several outreach activities whilst working at NPL

Fusilier

British Army Reserves

2014 - 2017

Whilst studying at University I also served in the Army Reserves as an Infantry soldier where I attended drill nights weekly, and exercise weekends monthly. Additionally, I also went away on military training courses that varied between 1-3 weeks in length, and completed Basic Training. This was a highly valuable experience that improved my teamwork, personal discipline and problem-solving skills.

News and Online Editorial Assistant

BBC Sky at Night Magazine, Bristol

2016

During my MSc in Cardiff, I had the opportunity to work for BBC Sky at Night Magazine for a week, writing astronomy news, engaging with audiences on social media, and creating an online feature article. This allowed me to gain knowledge of how magazines are run and gave me valuable experience in writing science news online and interacting with audiences on social media. One of the highlights of this experience was getting the chance to interview Martin Rees (Lord Rees of Ludlow) about the Breakthrough Initiatives programs.

References available upon request