

JORDAN DAVID RICHMOND

EXPERIENCE / VOLUNTEERING

PERIOD	September 2022 — Present
EMPLOYER	Outwood Academy Kirkby
JOB TITLE	Science Technician Head of the prep room, producing practicals, demos and experiments for teachers and students.
PERIOD	July 2022 — August 2022
EMPLOYER	Future Products Ltd
JOB TITLE	Factory Operative Operating a circular saw to cut plastics and aluminium components, a welding machine to weld cills for windows and a wrapping machine to wrap up components for transport.
PERIOD	July 2016 — January 2019
EMPLOYER	Lidder Care Ltd
JOB TITLE	Maintenance Assistant Assistant in the maintenance department carrying out repairs, decorating, technology advisor and health and safety checks: fire equipment and wheelchairs.
PERIOD	November 2019 — Present
EMPLOYER	Keele University Observatory
JOB TITLE	Observatory Astronomer (Volunteering) Staff Volunteer at Keele Observatory every Tuesday.
PERIOD	October 2017 — July 2018
EMPLOYER	The Samworth Church Academy
JOB TITLE	Laboratory Assistant (Volunteering) Assisting the senior lab technician in duties such as preparing experiments for classes, tidying up and storage and helping with science club activities. (All jobs and tasks were carried out with authorisation from the senior laboratory technician and senior leadership member).

EDUCATION

PERIOD	September 2019 — October 2022
QUALIFICATION	Bachelor of Science in Astrophysics with Education
GRADE	Third Class Honours
INSTITUTION	Keele University

PERIOD	September 2018 — June 2019
QUALIFICATION	Foundation Degree in Science
GRADE	Second Class Honours (Division I) with progression onto undergraduate degree
INSTITUTION	Keele University Foundation Centre

PERIOD	September 2016 — July 2018
QUALIFICATION	Level 3 National Extended Diploma in Applied Science
GRADE	D*DD
INSTITUTION	The Samworth Church Academy

PERIOD	September 2013 — July 2016
QUALIFICATION	GCSE
GRADE	9 GCSE's Grade B-D
INSTITUTION	The Samworth Church Academy

KEY SKILLS

Communication

- Developed skills in interpersonal communication and public speaking with colleagues and members of the public whilst working as an observatory staff and astronomer. Gained leadership and mentoring skills through volunteering at Keele observatory.

Organisation

- Balanced a challenging mix of university studies and volunteer work.
- Assisted in planning and delivering events. Mainly as part of the 2020 astronomical event 'The Great Conjunction' in partnership with Keele University. As well as this, I have contributed to assisting and planing private observatory events.

IT & Tech Skills

- Proficient in Python for use in data analysis.
- 12 weeks experience using Scientific Linux for the purposes of research project.
- \LaTeX software is my go to document editor due to its ease and multifunctionality in creating posters, presentations, problem sheets and exams / tests.

Other Skills

- Active Listening - This has been an asset during my degree programme and at the observatory.
- Problem Solving - I have faced many problem solving tasks as part of my degree programme.
- Time Management - I make sure to plan my time efficiently so I meet my deadlines.

NOTEWORTHY WORK

YEAR	2018
FORMAT	Investigative project
GRADE	Distinction
TITLE	<i>An investigation to look at the different oxidation states and the complex ions of the period 4 transition metals and ways to chemically analyse them</i>

This unit enables learners to gain an understanding and the skills required to undertake an investigative project. Choose one topic area that interests you and this will form the basis of your investigative project. You will carry out a scientific literature search and review, considering the project's aims and objectives, then produce a realistic plan and carry out the project safely using your scientific investigation skills, project management skills and what you have learnt from the other units. Finally, you will prepare an evaluative report that will consider the project outcomes and suggest amendments that may have improved those outcomes.

YEAR	2021
FORMAT	Research Note
GRADE	Second Class Honours (Division I)
TITLE	<i>Investigations into the Local Stellar Population of the Large Magellanic Cloud, Red Giant IRAS04496-6958 and Open Cluster HS66-33</i>

Using Scientific Linux to perform astrophysical techniques such as PSF (Point Spread Function) Photometry to calculate distance to the LMC and the age of stars within.

YEAR	2022
FORMAT	Dissertation
GRADE	Second Class Honours (Division II)
TITLE	<i>Insight into the History and Characteristics of the Chemically Peculiar Stars</i>

Investigating the four main chemically peculiar stars from history to spectra.

AWARDS

- Participant in KeeleSU Volunteer Project: Bronze (25 hrs), Silver (50 hrs) and Gold (100 hrs).
- JJG Training Courses: Challenging Behaviour, Mental Capacity and Deprivation of Liberties and Fire Safety, Awareness, Evacuation and Use of Extinguishers.
- Academic Poster on the topic of 'Water Sources on the Lunar Surface'.