

Joe Sharratt

12 Emerald Close, Blackpool, FY5 3LH

+447540047827 | bi22854@bristol.ac.uk | <https://www.linkedin.com/in/joe-sharratt-592b63191>

PROFILE

I am a Graduate Data Scientist working for the Department for Education with experience in professional sport. I am a hard-working and well-rounded individual demonstrated through my academic record and life experiences.

EDUCATION & QUALIFICATIONS

Bristol University *Data Science MSc*

2022 to present

Lancaster University *BSc Mathematics- 1st class*

2019 to 2022

Achieved a high-first class degree (over 80%) overall and in 15 of my 16 second and third-year modules. Highlights include achieving 85% and 84% for the Time Series Analysis and Bayesian inference modules respectively in my final exams. Over my time at university I was a PASS Mentor, where each week I led sessions for first-year business analytics students to help with their maths problems.

The Blackpool Sixth Form College - *A Level Mathematics- A*

Further Mathematics- A

Geography B

2016 to 2018

Rossall School - *GCSE Mathematics- 3 A*, 6 As, 1 B (A* in Mathematics, English Literature*

2012 to 2016

and English Language)

WORK EXPERIENCE

Graduate Data Scientist | Department for Education

June 2022 to present

- In this role I have rotated across the strategic data visualisation (SDV) and analytical modelling teams to improve decision making for the Secretary of State for Education and Permanent Secretary.
- I recently built a dashboard in RShiny to inform policy on school allocation for Ukraine refugees.

Data Analyst Intern | Deloitte

July 2021 to Aug 2021

- Worked across the data science team and participated in a variety of projects such as an exploratory data analysis project to improve fraud detection in a client of Deloitte's payment systems.
- I used the random forest algorithm to create a model that had a validation accuracy of 87.45%.

Player | St Helens R.F.C

Sep 2014 to Oct 2019

- I progressed through the St Helens RFC Academy system.
- Scholarship Player of the Year in 2016.
- Represented the club on a tour to Australia.
- I was part of national training camps culminating in representing Lancashire against the Australian U18 national side in 2018

Technology Summary

Programming Languages: *R, Python, Java and DAX*

Database Management: *SQL Server*

Certificates: *Andrew Ng Deep Learning Specialisation*

INTERESTS

I am an avid reader of fiction books, enjoy going fell walking and coach an u12 rugby league team where I am a level 2 qualified coach.