Floe Foxon

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EDUCATION

University of Leeds 2026 (expected)
MSc in Data Science (Statistics)
Related courses: Statistical Methods, Statistical Computing, Bayesian Statistics

University of Nottingham 2020
BSc (Hons) in Physics with Astronomy (First Class Award)
Related courses: Atmospheric and Planetary Physics, Scientific Computing, Computing For Physical Science

IBM 2020
Professional Certificate in Data Science

EXPERIENCE (5 YEARS)

Data Analyst 2020 - Present
Pinney Associates, Inc.

· Scientific consulting for clients seeking statistical analysis of data and model building.

Undergraduate Research Fellow 2019
Sanford Research

· Simulation modelling research with US government funding.

SELECTED WORKS (OF 30+)

Foxon, F. (2024). How Much Iron Is In The Sun? Astronomy & Geophysics. 65(2):2.29–2.31. https://doi.org/10.1016/j.ascom.2021.100486

Foxon, F. (2022). Iron Abundance in the Solar Photosphere. Poster presentation at The National Astronomy Meeting (NAM) 2022. Coventry. https://doi.org/10.31219/osf.io/z937r

Foxon, F. (2021). Evaluating Modern System Dynamics Software for Use in Astrophysical Simulations. Astronomy and Computing. 36:100486. https://doi.org/10.1016/j.ascom.2021.100486

AWARD

First Year Scholarship Award for Academic Achievement - University of Nottingham *2018*

SKILLS

Programming Languages	Python, R, SAS, MATLAB, SQL
Packages	Tensorflow, Sklearn, Pandas, Numpy, SciPy
Software	Microsoft Office/365, Google Workspace, LaTeX, Linux, Windows

RESEARCH INTERESTS

I am passionate about all sciences and my personal goal is to grow and adapt with changing needs of clients. I look forward to working on innovative scientific and technical services that meet cost and time budgets.

SELECTED MEDIA APPEARANCES

Science ◇ New Scientist ◇ Popular Mechanics