

Caitlin HALFACRE

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Research Associate and Data Specialist with expertise in reporting, stakeholder engagement and clear communication. Skilled in Excel, R, Python and SQL, with a passion for turning complex data into actionable insights across arts, education and community settings.

I Skills

Research and Data Analysis

Through doctoral studies at Newcastle University and academic research at Manchester Metropolitan University I am trained in data collection, analysis, and presentation. I have trained and provided training in analysis of data sets via Excel and more complex methods with scripting languages (R and Python).

Communication

Effective communication has been central to my career both in academia and beyond. I have presented complex research findings at institutional and international conferences to mixed audiences, ensuring clarity, whether addressing specialists or broader stakeholders. In addition, my roles outside of research - such as managing communications for a start-up school and coordinating volunteer teams as a music administrator - have refined my ability to communicate detail with clarity and efficiency.

Self-motivation and problem-solving

Having worked in a small academic environment for many years I have the skills and self-motivation to learn new skills, techniques and software. Through independent project management I have developed the ability to troubleshoot and problem solve both alone and in a team. I have put these to use in both my PhD research where I independently learned various skills and techniques while working alone, and in a small startup team with Alcuin's school where I have sourced tools and approaches for volunteers and launch events.

I Education

2018–2023	PhD Linguistics , <i>Newcastle University</i> , Newcastle upon Tyne
2017–2018	MA Applied Linguistics Research , <i>Newcastle University</i> , Newcastle upon Tyne, <i>Distinction</i>
2014–2017	BA Linguistics , <i>Newcastle University</i> , Newcastle upon Tyne
2025–present	Python for Data Science , <i>Code Academy</i>
2025–present	Learn SQL , <i>Code Academy</i>

I Experience

Employment

2024–present	Research Associate , <i>Manchester Metropolitan University</i> , Manchester Responsible for managing, processing, and analysing sound data from the Manchester Voices Project. Contributed to a public facing research book and first authored two academic papers. Also supported research efforts in another parts of the department.
2023–2024	Associate Lecturer , <i>Newcastle University</i> , Newcastle upon Tyne, Preparing and delivering lectures, seminars, and workshops to undergraduate students
2018–2024	Postgraduate Tutor , <i>Newcastle University</i> , Newcastle upon Tyne, Preparing and delivering lectures, seminars, and workshops to undergraduate and postgraduate students
2023–2024	Music Assistant , <i>Jesmond Parish Church</i> , Newcastle upon Tyne, Volunteer management, email communication, copyright administration, event planning and management
2022–2023	Research Assistant – Linguistics Lab Manager , <i>Newcastle University</i> , Newcastle upon Tyne, Research support, mentoring, and training
2023–present	Voluntary Communications and Marketing Volunteer , <i>Alcuin's School</i> , Newcastle upon Tyne, Within a team managing communications and marketing for a start-up independent school

| Skill matrix

 basic knowledge

 intermediate knowledge with some project experience

 extensive project experience

 deepened expert knowledge

 expert / specialist

Level	Skill	Years	Comment
Language:	R	8	<i>skills in data manipulation and data visualisation in the tidyverse, and in statistics including mixed effect modelling and generalised additive mixed modelling. Teaching experience in all of the above.</i>
	L ^A T _E X	7	<i>produced reports, papers, and presentations in L^AT_EX</i>
	Python	1	<i>introductory training, including data analysis</i>
	HTML:	3	<i>capable of basic html editing</i>