Caitlin HALFACRE

 +447775555146
✉ caitlin.halfacre@gmail.com
in caitlin.halfacre

Trained researcher with broad experience in data driven research and teaching and training. Seeking to diversify my coding experience, and apply my data skills to new questions in a more varied and client facing environment.

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 also used these skills in various volunteer projects for charities and start-ups. I have designed and run a postgraduate level module in research methods and quantitative analysis using R and provided one-to-one and group mentoring, advising and supporting students and staff in experimental and statistical methods.

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.

Education

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

Experience

Employment

2024–present	**Research Associate**, *Manchester Metropolitan University*, 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**, *Newcastle University*, Newcastle upon Tyne, Preparing and delivering lectures, seminars, and workshops to undergraduate students
2018–2024	**Postgraduate Tutor**, *Newcastle University*, Newcastle upon Tyne, Preparing and delivering lectures, seminars, and workshops to undergraduate and postgraduate students
2023-2024	**Music Assistant**, *Jesmond Parish Church*, Newcastle upon Tyne, Volunteer management, email communication, copyright administration, event planning and management
2022–2023	**Research Assistant - Linguistics Lab Manager**, *Newcastle University*, Newcastle upon Tyne, Research support, mentoring, and training

Voluntary

2023-present	**Communications and Marketing Volunteer**, *Alcuin's School*, Newcastle upon Tyne, Within a team managing communications and marketing for a start-up independent school

Skill matrix

●●○○○ basic knowledge	●●●○○ extensive project experience	
●●○○○ intermediate knowledge with some project experience	●●●●○ deepened expert knowledge	
	●●●●● expert / specialist	

	Level	Skill	Years	Comment
Language:	●●●●○	R	8	*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.*
	●●●○○	LATEX	7	*produced reports, papers, and presentations in LATEX*
	●●○○○	Python	1	*introductory training, including data analysis*
	●○○○○	HTML:	3	*capable of basic html editing*