# UKRI AI Centre for Doctoral Training in Citizen-Centred AI (CCAI)

PhD Research Proposal Form

# Please complete this form and upload it to your online application before submitting your application.

* Do not go over the stated word limits.
* Do not submit proposals in any other format unless this has been agreed with a member of staff
* Complete all sections

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| **Surname** |  |
| **First names** |  |
| **Advert/Studentship Reference number** | CDTAI25 |

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| **1. Working Title – 15 words**  This should be tightly focused on the research you are proposing to undertake |
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| **2. Introduction and research significance/research motivation ‐ 250 words**  Why the topic is important to the design, development and evaluation of AI technologies and their impacts on society? What do we already know? What we don’t know? |
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| **3. Concise Critical Reflection on the Existing Literature – 500 words**  What existing research is out there that is relevant to your proposed research? Why is it relevant? And how will your proposed research build on it/extend on it? |
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| **4. What CCAI research theme(s) does your proposed research align to**  Research themes can be found here: https://www.northumbria.ac.uk/about-us/academic-departments/computer-and-information-sciences/citizen-centred-artificial-intelligence/ |
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| **5. Research Questions Based on the Research significance/Research motivation & Literature Review ‐ 200 words** |
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| **6. Research objectives – 100 words ‐** Indicative three objectives |
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| **7a. Research Methods – 400 words**  data collection methods/tools, sampling & data analysis approach |
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| **7b. Citizen-Centred Approach ‐ 200 words**  How will you work with citizens to ensure that the research is taking a Citizen-Centred approach to AI.  Please note that by Citizens we are referring to any human or non-human actor or organisation that is part of and/or contributes to society |
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| **8. Ethical Considerations ‐ 150 words**  Detail the ethical considerations you need to account for in the proposed research. This may include considerations throughout the research cycle (participant recruitment, data collection, data analysis, data sharing).  Please include any considerations for Equity, Diversity and Inclusion in this section. |
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| **9. Research Plan/Timetable ‐ 100 words**  Please account for 1 year of training followed by 3 years to conduct your research and complete your PhD (i.e. total of 4 years) |
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| **10. How will your proposed research empower citizens to play a key role in AI-enabled futures? – 250 words**  How does the proposed research reconcile AI's technical capabilities with citizen centric needs and concerns, by building capability and capacity to design AI products, systems and services that seamlessly connect people and their data to government, industry and organisations, in ways that foreground citizens' needs, rights, and aspirations? How does the proposed research contribute to a new framing of the relationship between citizens, AI and the state/organisations/services?  Please note that by Citizens we are referring to any human or non-human actor or organisation that is part of and/or contributes to society. |
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| **12. References/Bibliography** |
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