

Climate Change AI Summer School 2022 Application

1. Email
2. Summer school applicants must be at least 18 years of age. Are you at least 18 years of age?

CCAI Summer School 2022 Application

3. What is your chosen name?
4. What is your current institution (if any)?
5. Please enter your time zone as UTC+/-n (e.g. UTC+5) during daylight saving time (summer time). This website may help you determine your relative timezone:
https://www.ge.com/digital/documentation/meridium/V36160/Help/Master/Subsystems/AssetPortal/Content/Time_Zone_Mappings.htm
6. What are your preferred time window(s) for the summer school?
7. What time window(s) for the summer school would you be able to participate in?
8. Please attach your CV (PDF format)
9. Please provide link(s) to at least one of: personal website, LinkedIn page, Google Scholar page, ResearchGate profile, or other online professional profile.
10. What is the highest degree you will have completed by August 2022?
11. Are you currently pursuing another degree?
12. If you are currently pursuing a degree, what year are you?
13. How many years of post-undergraduate academic research work (e.g. graduate research assistant, postdoc) experience do you have?
14. How many years of non-academic (e.g. industry) work experience do you have?
15. What is your level of experience programming in Python?
 - a. No experience
 - b. I can understand some code
 - c. I can implement some code, given examples
 - d. I can comfortably write my own programs
 - e. I can teach others to write their own code
16. In which of the following other programming languages can you comfortably write your own programs?
17. Please list the names (not course numbers) of any AI/ML classes or online courses you have taken, if any.
 - a. E.g. Introduction to Machine Learning, Deep Learning, Reinforcement Learning.
18. Please list the names (not course numbers) of any climate change-related classes or online courses you have taken, if any.
 - a. E.g. Climate Change: This Science, Energy Within Environmental Constraints.
19. What are you aiming to get out of summer school? What would be an ideal outcome for you? (100-200 words)
20. In what ways are you excited to leverage your current skills and/or expertise for work in AI and climate change? Are there aspects of your current skills and/or expertise you

would be excited to share with your cohort, or could be particularly useful within a multidisciplinary project team? (100-200 words)

21. Please describe a previous experience working on a multidisciplinary project. (100-200 words)

22. Which track are you applying for?

- a. Please select the track you are applying for based on the details provided on the website: <https://www.climatechange.ai/events/summerschool2022#tracks>

AI-Focused Track

This track is designed for students who have expertise in a climate change related field but do not have a background in AI.

23. Which of the following areas do you have experience in?

24. Describe a project in any of the above fields that you have worked on. Please include any relevant links. (100-300 words)

25. Describe climate-relevant research you have done. Please include any relevant links. (100-300 words)

26. Have you previously submitted work to conferences, workshops, or journals?

27. What projects/topics are you most interested in learning about and/or working on? (100-200 words)

28. Describe how learning more about AI could empower you to do more in tackling climate change. (100-200 words)

Climate-Focused Track

This track is designed for students who have expertise in AI but may or may not have a background in a climate change related field. Students applying for this track should have a theoretical and practical understanding of AI and be able to formulate AI approaches to new problems.

23. Describe any machine learning project(s) you have worked on. Please include any links to publicly accessible blog posts and/or code repositories e.g. GitHub, Bitbucket, etc. (100-300 words)

24. Describe any machine learning research you have done. Please include any relevant links. (100-300 words)

25. Have you previously submitted work to conferences, workshops, or journals?

26. What projects/topics are you most interested in learning about and/or working on? (100-200 words)

27. Describe how learning more about climate change could empower you to make an impact using your skills. (100-200 words)

Optional Diversity Questions

The responses to these questions will be kept strictly confidential and will only be viewed by the summer school organizers.

- What pronouns do you use? (optional)

- With which gender(s) do you identify? (optional)
- With which race(s)/ethnicity(ies) do you identify? (optional)
- What is the highest degree/level of education achieved by your parent(s)/primary guardian(s)? (optional)
- What is your primary place of residence? (optional)
- Are there other aspects of your identity that you would like to share? (optional)
- Please feel free to provide any feedback you have about the questions in this form or the way that Climate Change AI strives to support diversity, inclusion, and equity in general. (optional)