Céline Budding

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PhD Candidate Philosophy of AI

I am a second-year PhD candidate, investigating what language models know when they know language. In other words, I am trying to figure out how we should explain how these models work, by combining my background in computational neuroscience with work in philosophy of AI and language. In addition, I have a strong interest in communicating academic research to a broader audience, for example through giving lectures to the elderly and (getting started with) writing blogposts.

Experience

PhD Candidate   Eindhoven, The Netherlands
Philosophy & Ethics group, Eindhoven University of Technology   *Aug 2021 - current*

- Project: Tacit knowledge and how-explanations for large language models, supervised by dr. C.A. Zednik and prof. dr. V.C. Müller.
- Member of the 4TU.Ethics graduate school, which offers various courses on philosophy of technology.
    * In 2022, I was part of the 4TU.Ethics PhD council with three colleagues from other universities. We organized two writing retreats and various social activities during the year.
    * I have written a blogpost for the 4TU.Ethics blog and will be part of the blog team in 2023.

Education

Master of Science in Computational Neuroscience   Berlin, Germany
Bernstein Center for Computational Neuroscience Berlin   *Oct 2018 - May 2021*

Bachelor of Science in Liberal Arts & Sciences   Middelburg, The Netherlands
University College Roosevelt/Utrecht University   *Sep 2015 - June 2018*

Organization

Workshop on the Philosophy of Large Language Models   Eindhoven, The Netherlands
Hybrid/Eindhoven University of Technology   *Jan 26 + 27 2023*

- My colleague, Guido Löhr, and I organized a two-day international workshop, with speakers (both invited and via abstracts) on the topics of communicating with chatbots and explaining large language models. Around 15 people attended in person, and over 20 people attended online.
- Sponsored by the Philosophy & Ethics group, Ethics of Socially Disruptive Technologies Consortium, and the Center for Philosophy of AI.

Writing Retreat for 4TU.Ethics PhD Candidates   Losser, The Netherlands
4TU.Ethics Graduate School   *Nov 2022*

- Together with another member of the PhD council I organized a five-day writing retreat for 15 PhDs affiliated with the 4TU.Ethics graduate school.
- During the week, we hosted workshops by senior faculty from the 4TU.Ethics universities (Delft, Eindhoven, Twente, Wageningen), on the topics of conference presentations, writing flow, and academic publishing, as well as a workshop on blog writing from the blog team.

Experience Science Communication

Studentdocent/Student Teacher   Virtual/in person
Stichting Oud Geleerd Jong Gedaan   *Jan 2021 - current*

- I developed a low-threshold and interactive lecture series (4 lectures of 1 hour) and stand-alone lecture (1 hour) about different topics in Artificial Intelligence ('Slimme computers?') for an audience of elderly people.
- I have taught the lecture series about AI three times, once in person and twice virtually, and the standalone lecture twice virtually. Attendance is usually 4 - 10 participants.
- I have also been interviewed by OGJG about my experiences being a student teacher as a PhD candidate.