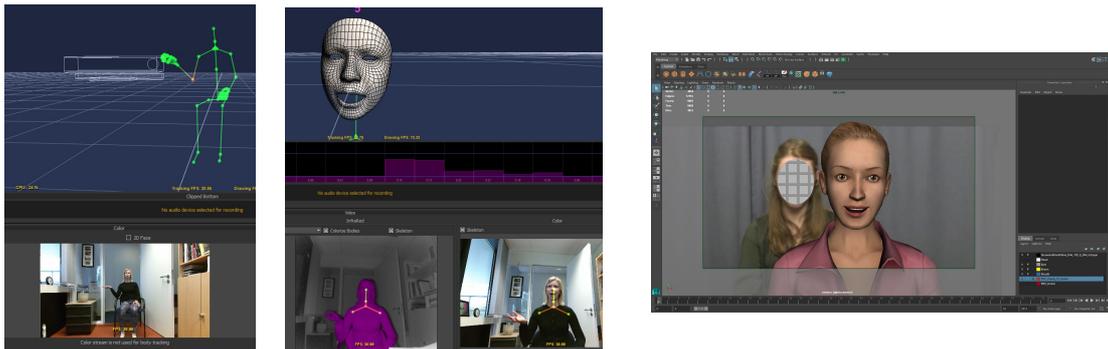# Internship opportunity on ERC project CoAct (Communication in Action) for AI students with advanced Python and/or Matlab programming skills

The Donders Institute for Brain, Cognition and Behaviour, in conjunction with the Max Planck Institute for Psycholinguistics, is offering internship positions for advanced AI students on the **CoAct project**. As intern on this project you will join the Communication on Social Interaction (CoSI) Group, led by PI Judith Holler (https://www.mpi.nl/people/holler-judith; https://cosilab.org/).

The project
The Communication in Action (CoAct) project has recently been funded by the European Research Council and investigates the role of visual communicative signals (including those performed with the hands, head, torso and face) during language use and processing in situated, face-to-face communication. In doing so, the project combines a variety of methodological approaches, including the collection and analysis of conversational corpus data. For this internship, the analyses of the multimodal communication data will rely partly on already annotated conversational behaviour as well as on freshly acquired motion capture data (to be analyzed in their own right, as well as for feeding into a Virtual Reality environment).

The intern and the internship
Getting this exciting new project off the ground requires support from AI interns who will help us analyze the large amounts of conversational corpus data (visual and speech data). We are therefore looking for students with strong Python and/or Matlab programming skills and a general interest in analyzing corpus data for patterns of human communication. Experience in analyzing motion capture data with Matlab would be an advantage. Interest (or even experience) in machine learning and visual pattern analysis would also be a clear advantage (such skills may be able to lead to a paid position on the project).

The starting date of the internships could be immediately or within the next couple of months. Ideal would be a commitment of minimally 6 hours per week. As intern, you will be provided with access to the building, a desk and computing facilities within the lab.

To apply
If you are interested in applying, or in case of any questions, please contact Judith Holler (judith.holler@mpi.nl)