Name: Varnan Chandreswaran

Date of Birth: November 16th, 1997

Nationality: German

ACADEMIC QUALIFICATIONS

Since 07/2021	Doctoral studies at the Department of Neuropsychology (Ruhr-University Bochum)
10/2019 – 07/2021	Master of Science Psychology (Ruhr-University Bochum) *Thesis title: "Cuts in Continuous Perception: Effects of Event Boundaries on Episodic Memory"*
10/2016 – 09/2019	Bachelor of Science Psychology (Ruhr-University Bochum) *Thesis title: "Dissoziation von proaktiver und reaktiver Kontrolle in der Flanker Aufgabe"*

EMPLOYMENT

01/2021 until 06/2021	*Research assistant* Neuropsychology Ruhr-University Bochum (Supervisor: Dr. Hui Zhang)
10/2020 until 03/2021	*Tutor for undergraduate seminar* Biological psychology Ruhr-University Bochum (Supervisor: Dr. Marlies Pinnow)
09/2020 until 11/2020	*Student internship* Neuropsychology Ruhr-University Bochum (Supervisor: Dr. Hui Zhang)
04/2020 until 09/2020	*Tutor for undergraduate seminar* Biological psychology Ruhr-University Bochum (Supervisor: Dr. Felix Ströckens)
10/2019 until 09/2020	*Tutor for undergraduate seminar* Biological psychology Ruhr-University Bochum (Supervisor: Dr. Marlies Pinnow)

09/2018 until 11/2018 *Student internship*
Biological psychology
Ruhr-University Bochum
(Supervisor: Dr. Marlies Pinnow)

RESEARCH

In my doctoral studies, I investigate the neurocognitive basis of spatial navigation and memory, and how this is affected by a genetic risk factor for sporadic Alzheimer's Disease in young participants. I will combine large-scale behavioural and cognitive neuroscience methods (fMRI, scalp EEG, eye tracking) across a series of experimental paradigms, using advanced analysis methods (e.g., multivariate analysis). The aim of this project is to relate the reliance on compensatory strategies (e.g. walking near the boundary) in different spatial navigation paradigms and to examine the role of grid-cell like representations and their impairment in healthy participants with a genetically increased risk for Alzheimer's Disease.