



Interns from Cognitive Science

Interns can be a great resource for your organisation and there are many advantages of having an intern from Cognitive Science. Some of the main advantages include:

- Behavioural and data science are fields in rapid development, and internships serve as a way to explore what these fields can offer your organisation, before committing resources to them
- Interns may become entry-level hires and internships can thus strengthen recruitment
- Interns can be employed on developmental projects, possibly bringing new and external insights at low risk

Why Cognitive Science:

Cognitive Science is a unique programme that combines skills in data science with the ability to understand the complexity of human behaviour.

The degree produces candidates who are not just familiar with which methods to use to run tests and analyse data, but who also know how to think deeply about human behaviour, and to ask the right kinds of questions.

Furthermore, Cognitive Science is the study at Aarhus University with the highest admission GPA, and students from Cognitive Science are both competent and hard working.



Key competences for Cognitive Science students include:

- Ability to analyse human behaviour and identify behavioural barriers
- Statistical programming and machine learning with R and Python
- Knowledge of key cognitive functions like perception, attention, decision making and language processing
- Ability to work with a wide variety of human data including text data from social media and other online sources, as well as behavioural data including eye-tracking
- Theoretical and practical knowledge of methods used in advanced analytics
- Collaborating on projects that involve solving complex problems
- General IT-competences and quick understanding of new software and programming methods
- Discovering key points in literature and communicating overall trends in a simple manner
- Research skills: sound, practical and ethical experiment design and data management
- Critical and analytical thinking



What do students hope to gain from an internship?

There are a vast amount of reasons why internships are valuable for students:

- Students gain experience and develop professional competences
- Subject knowledge and academic skills can be tested in a work context
- Practical knowledge to build on during the rest of education can be developed
- Internships help students master professional skills such as communication and time management



What is expected from you?

There are only a few requirements for you as a host organisation:

- There are no requirements as to size and type of organisation, but tasks relevant to the student's academic profile must be provided.
- A supervisor to guide and support the student must be provided. This supervisor will contribute to the internship contract that is filled out in collaboration with the student and the university supervisor. The contract will secure that topics that are relevant for both you and the student are addressed during the internship period.



Practical information:

The internship consists of 3-4 months with an average of 30 hours pr. week and has to be completed before December 31st 2020.

During the internship students have to write an internship report and attend a thesis preparation course at university. The internship report will secure that students apply theory to a relevant case at your organisation.

“In our experience interns from Cognitive Science are highly competent and have an innovative approach to analytics”

Examples of projects that students from Cognitive Science have worked with:

- How automatic quantitative analysis of text reviews can be included in a typical Business Intelligence set-up
- How machine learning approaches can support medical decision making and how such systems should be implemented
- How tools from Natural Language Processing can be used to analyse how the discourse of Climate Change on Twitter has changed from 2010-2019

