Student assistant (m/f/d)

4 March 2022

Recommender systems for health promotion

Challenges for healthcare systems globally are pandemics like the coronavirus disease, the growth of non-communicable diseases, or chronic diseases together with the rapid population ageing. Almost two-thirds of non-communicable diseases are linked to unhealthy lifestyle, resulting in these four behavioral risk factors: insufficient physical activity, unhealthy diets, tobacco use, and harmful use of alcohol. In order to take the load off the health system in the long term and reduce the prevalence of non-communicable diseases, health promotion is an important component.

The aim of this underlying research project is to establish novel algorithms and methodologies improving state of the art recommender systems for health promotion using innovative machine learning algorithms.

The student assistant would support the research of recommender systems and related areas. This vacancy would be filled from now on.

Job description

- Literature and internet review
- Support in the analysis of data
- Support in the preparation of reports and publications

Your Profil

- Interest in scientific work
- Holding a B.Sc. degree in medical engineering or similar field
- Reliable, independent and structured way of working
- Critical thinking
- Confident handling of common office applications
- Good German and good English language skills

Depending on the student's interest – these are not requirements - I offer several opportunities to further develop the student's career:
1. develop the research into articles with the student as a co-author,
2. write a master thesis on the same topic.

Payment will be made according to the remuneration rates of part-time assistants at the FAU with 6 to 13 weekly working hours.

If I was able to arouse your interest, I would be pleased to receive a short application of yours concerning the requirement profile. Please send your application in one pdf document to: heike.leutheuser@fau.de