Neurophysiological data processing student job.
Embedded within ETRO and the faculty of medicine at VUB, the AIMS research group is a pioneering research group exploring the rich dynamics of the human brain in health and disease. To bring this technology to the clinic, AIMS is in the process of translating results obtained with magnetoencephalography to electroencephalography and building a proof-of-concept.

For this project, we are looking for someone with an interest in analysing electroencephalographic data to join our multidisciplinary team at Building Ke of VUB’s Pleinlaan 2 campus.

Expected start date: August 1st, 2021

What we offer:
- Experience of working in a top-tier interdisciplinary research group
- The ability to learn to work with a brand-new EEG system
- The opportunity to record and analyse your own EEG 😊
- The opportunity to join our informal journal clubs and participate in our group
- Flexible work schedule and work from home
- Fair compensation

Responsibilities:
- Develop an automated Python-based pipeline that captures, preprocesses and analyses EEG data
- Report and discuss progress with the full team
- Implement a dashboard that visualizes the output with minimal delay

Skills:
- Python knowledge
- Understanding what EEG is and what artefacts may
- Good visualisation skills

How to apply:
Interested candidates should send a CV and motivation letter to Prof. dr. ir. Jeroen Van Schependom by July 7th.

About the team:
You can find all team members here.