

Internship or Master Thesis Opportunity at NBT Analytics

About NBT Analytics

NBT Analytics is an Amsterdam based startup that improves the outcome of clinical trials by providing comprehensive analysis of brain activity. NBT Analytics is developing a software pipeline for analysing electroencephalography (EEG) measurements. Our analysis aims at integrating the rich information in these measurements using machine learning techniques into a single outcome measure. The NBT Analytics team currently consist of three scientific researchers, two internship students, and three business developers, and is looking to take the technology to the next level.



NBT has an opening for Master's Thesis or Internship

NBT Analytics is based on the open source Neurophysiological Biomarker Toolbox developed by the Neuronal Oscillations and Cognition Group at the Center for Neurogenomics and Cognitive Research (CNCR), Vrije Universiteit Amsterdam. Currently, NBT Analytics is looking to upgrade the technology, this will include testing and upgrading existing features, developing new functions for data characterization, statistical tests and visualization, and more. In this project there is room to have your own input. What's more, there is the strong possibility that upon completion of the project, you will be offered a fulltime job at the company.

Background and skills:

- Final year of Master in Computer Science, AI or similar
- Profound knowledge of Matlab (or similar language), including object-oriented and GUI programming
- Good knowledge of Linux based systems
- Experience with implementation of Unit tests
- Knowledge in other languages like R, Julia, Python is a plus
- Experience with machine learning is a plus

Competences we are looking for:

- Ready to work in a fast-changing startup environment
- An independent and resourceful mindset with the ability to learn fast and get straight to it
- Initiative and the capability to deliver high-quality work on time
- A desire to make a difference in healthcare

We offer:

- Supervision of academic content and project management
- Development of advanced MATLAB/NBT
- Learning to work in a team to develop complex software packages
- A great social environment
- A kickstart to your career

Practical information:

- 4-6 months with possibility of full-time job afterwards
- 40 hours / week
- Located at Vrije Universiteit Amsterdam

If you are interested and match the profile, please send a c.v with a photograph, a full list of grades and courses, plus the start/end dates and requirements of your thesis or project.

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