

Master Thesis vacancy jointly at Vrije Universiteit Amsterdam and 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 analyzing 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 consist of three scientific researchers, two internship students, and three business developers, and is looking to take the technology to the next level.



Master's Thesis internship opportunity

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. NBT Analytics is looking to upgrade the technology by upgrading existing features, developing new functions for data characterization, statistical tests and visualization. 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), object-oriented and GUI programming
- Good knowledge of Linux based systems
- 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
- A desire to make a difference in healthcare

We offer:

- Supervision of academic content and project management
- Learning to work in a team to develop an advanced MATLAB toolbox (NBT)
- A great social environment
- A kickstart to your career

Practical information:

- 4-9 months with the prospects of a full-time job or PhD position afterwards
- 40 hours / week
- Located at Vrije Universiteit Amsterdam

Do you match the description and are interested in what we do? Please send a motivated e-mail including:

- CV with photo
- A list of bachelor and master courses, including grades
- The desired dates to start and finish your internship project

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