



Data Science/Computational Neuroscience Intern

Location: Cambridge, UK

Duration: 3 months (possibility to extend)

Opto.bio is an early-stage, venture backed company developing implantable technologies that can interface with the human body to understand and treat underserved medical conditions. We are seeking those who are not only exceptional but have an ambition to push the boundaries of engineering and science to tackle some of the most complex biological disorders. Given the stage of the company we are seeking people who can move at a fast pace, work with a generalist “all hands on” approach and are eager to learn. It is essential that you can orient yourself to find and solve technical problems as we build.

Are you interested in exploring data that no-one has ever seen? We are seeking a talented self-starter to join our team as a Data Science/Computational Neuroscience Intern for an initial 3-month period. This person will work closely with our research and development team to analyse and interpret large datasets, using various statistical and computational tools. You will also contribute to the development of algorithms for signal processing, data analysis, and machine learning.

Responsibilities:

- Work with the research team to analyse and interpret large datasets.
- Process, analyse, and interpret large scale time series data
- Work collaboratively with the research and development team to improve the understanding of disease state and modelling.
- Participate in regular meetings and discussions with the team to share progress and insights.

Qualifications:

- Pursuing a degree (ideally PhD) in Computational Neuroscience, Computer Science, or a related field.
- Strong programming skills in Python or MATLAB
- Familiarity with data analysis and machine learning techniques including clustering and classification.
- Experience working with large datasets
- A visceral need to be working on the toughest problems

Bonus:

- Experience working with raw electrophysiology signals
- Experience working with electrophysiology systems/electronics.

Benefits:

- Flexible working hours
- Flexible holidays
- Office with complimentary barista coffee, and the beer taps are on every day...
- Travel opportunities with collaborators in the UK, EU, US, and Singapore

If you are passionate about using data and computational tools to drive innovation in healthcare, we would love to hear from you! Please send your resume and a brief cover letter to hello@opto.bio to apply for this internship.

Note: given the duration of this post, we cannot offer visa sponsorship.