PYTHON PROGRAMMING VOLUNTEER

Use your experience writing Python code to help us harness the power of data

Our challenge
This is an exciting time for The Brain Tumour Charity as we pursue our twin goals of doubling survival and halving the harm that brain tumours have on quality of life. To help us deliver our strategy, we are now seeking volunteers to support our Data Science team, to ensure we maximise the power of the data that The Charity holds.

What impact will you have?
Volunteering as part of the Data Science team, this role will be pivotal in making datasets accessible via Python programming language. This will be key in automating and speeding up collaborations within the Charity and, crucially, with our research partners.

How can you help?
We are looking for a volunteer with experience of writing Python code to automate data related tasks and to open up our datasets via an API using Python. Some experience of cloud systems would be useful however this is not essential.

We have a fantastic and experienced Data Science team so this will also be an opportunity for a volunteer, if they are inclined so, to develop their technical skills and passion for data while making a real difference.

We are looking for someone with keen attention to detail, an effective communicator who can bring their expertise and advise on board. The Team here is competent and “tech-savvy” so you will not be on your own!

We are committed to helping our volunteers grow their expertise and career opportunities.

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We’re looking for...

This is a new, exciting opportunity to get involved in varied activities. We are looking for someone with the following skills:

- Python programming experience
- Unit testing or API related experience (though not required, this will be handy).
- Commercial Experience and the ability to productionise

How we will support you...

- You will receive an induction to The Brain Tumour Charity and your role here as well as some in-house training.
- You will be supported and trained as needed for the activities that we would like you to complete and all processes and expectations will be explained to you.
- You will be working on exciting and real world datasets and will be mentored by our highly trained data scientists/machine learning experts.

Time commitment

- We anticipate that this role will require a commitment of between 1-2 days a week, ideally for a minimum of four months.
- The majority of activities for this volunteer role can take place either within or outside of The Charity’s core working hours – we can be flexible to suit the availability of the volunteer.

Practical considerations

- We carry out reference checks for all individuals who will be volunteering with us on a regular basis. Volunteers will be required to complete internal data protection documentation before commencing the role. Volunteers must be over 18.
- We treat our patients datasets with highest level of privacy and security. Due to the sensitive nature of such datasets, volunteers will not be required to work on them.
- At present this would be a home-based role. In the future, it would be possible to volunteer from our office in Fleet, Hampshire, if preferred.