

Job Description: Machine Learning Engineer

Position Type: Permanent.

Location: Farnborough head office (with remote working options).

Benefits include: 25 days holiday + 3 additional days over Christmas, life insurance, company pension scheme, Cycle-to-Work scheme, free non-fiction book scheme.

Working Hours: Full time.

Start date: ASAP.

Our mission is to create innovative technology solutions and provide ongoing support that improves the delivery of care

We're looking for a motivated and technically capable machine learning engineer who wants to build real data and machine learning driven applications to service our base of over 50,000 customers.

You will join the new Data and AI function at everyLIFE Technologies, where we are looking to grow a market-leading AI capability from the ground up on AWS cloud. You have an opportunity to be a key part of something unique in an industry with a lot of data and not enough analysis – we want to change the market completely, and we need your help to do it.

You will:

- Be capable of taking practical business problems that our customers face, and solving them with machine learning
- Be a key part of designing and owning our data lake and warehouse, which will serve as a hub for our own care data and numerous external datasets
- Be responsible for the data pipelines that ingest and process data and that serve them out to our customers as insights and recommendations
- Be responsible for building AI-driven products to deliver insights and predictions to improve the delivery of care at care providers, in the government and for individual carers on the front line
- Combine solid programming skills in Python and Spark with a willingness to try new programming languages and frameworks to deliver the leanest, most effective services we can
- Contribute your views to help build out the data estate in our business to solve bigger and more complex problems
- Remain technically curious about developments in NLP, ML and AI in general and consider how these could be of use to benefit our customers
- Be outcome-focused – at the end of the day everything we produce needs to be tuned to improving the care outcomes the patients of our customers receive, with practical application being the ultimate end goal of anything we create

You are:

- A self-starter who has a burning desire to use data for good, at a company that creates and manages an essential service to the care sector
- Someone who enjoys working in a new setup where you will have a key role in defining our processes and solution architecture as we build our platform out

- Organised and pro-active, with strong attention to detail and willingness to challenge the status quo
- A natural team player, who enjoys working collaboratively with colleagues to solve new, complex problems
- Flexible and adaptable, with a “can do” approach and solid problem-solving skills
- Focused on delivery, with a desire to see what you produce delivering value in the real world
- Always curious

You have:

- Significant hands-on experience deploying data or machine learning driven applications in industry. A PhD or MSc in a quantitative discipline (mathematics, physics, life sciences, etc.), is preferred but not essential
- Strong programming skills in Python, with Spark experience highly desirable
- Knowledge of MLOps principles or prior experience of deploying and managing machine learning models in production
- Experience of deploying and running services on cloud infrastructure (AWS is a plus – Sagemaker or ElasticMapReduce preferred)
- Experience with machine learning libraries/frameworks such as Scikit-Learn, Tensorflow, Keras, or PyTorch

You may have:

- Strong communication skills, including the ability to communicate deeply technical concepts to non-technical audiences, at all levels and in all mediums from email to written and oral presentations
- Experience of putting AI-driven products into a production environment and managing them
- Experience with visualisation or reporting tools (Tableau, Matplotlib/Seaborn or similar)
- Practical experience of machine learning model architecture and evaluation
- Experience of building web applications to prototype functionality with your audience
- Experience with distributing storage processing on large datasets using the Hadoop ecosystem
- Social Care, Medical or NHS knowledge