

Machine Learning Researcher

When massive data meets AI, magic can happen. Glamorous AI, as part of X-Chem, are combining two of the most exciting technologies of this century to bring medicines to patients faster. DNA-encoded libraries meet artificial intelligence to transform how we discover and optimise molecules for preclinical drug discovery. By joining us, you get access to one of the largest, cleanest libraries for hit identification and you get a unique chance to explore how we build novel ML tools to mine our rich libraries.

We have a multi-disciplinary team of experts in AI and chemistry who want to make a difference by building the best tools and technologies to advance medicine discovery. Our team in London has some of the leaders in AI in biotech and is building the Data-powered AI-first platform for drug discovery.

We have exciting growth plans, and are looking for a skilled Machine Learning Researcher to join us on our mission!

If you are a mission-driven individual who wants to make an impact and who believes in data and AI, then this is for you!

The Role:

Working alongside our engineering team, you'll help us build innovative machine learning methods on massive datasets to extract useful insights.

Responsibilities:

- Deliver innovative methods through implementing, testing and benchmarking DL/ML models on large datasets.
- Work with our experts to define interesting challenges in chemistry and drug discovery.
- Work with our ML experts to identify solutions for unsolved problems.
- Use Google Cloud Platform and AWS to build and test ML on scale.
- Help establish short and long term goals for our software platform, RosalindAI.
- Work with our engineers to maintain and improve the quality of our platform with setting best practices for testing, code review, documentation and architecture.
- Demonstrate the ability to thrive in a fast-paced, collaborative, agile environment
- Work with the team to publicise our work through high-quality publications, blogs and whitepapers.

Required Skills:

Essential:

- Track record in research and development of ML models and methods.
- Hands-on experience with current machine learning toolkits, especially deep learning (e.g graph convolutional neural network, generative deep learning).
- Willing to learn about chemistry and biology in order to be more effective in your job.
- Degree in a quantitative field like statistics, applied maths and/or engineering.

- A Ph.D. degree in one of the above fields.
- 2+ years of industry experience in deep learning.

Nice to have:

- Experience in ML for chemistry is not required, but will help you get up to speed faster.
- An understanding of the drug discovery process.
- Experience of drug discovery data analysis, tools and packages.
- The ability to communicate clearly and effectively with specialists from your own and other fields.

We Offer:

- Talented, motivated, interesting and experienced co-workers.
- Intellectual challenge solving meaningful problems.
- We organise ourselves in groups of small teams and there is plenty of opportunity for a high degree of ownership over different areas of the product, and you will be directly exposed to all areas of the business.
- Your voice will always be heard. What you do or say counts.
- Monthly social activities.
- Competitive salary and benefits.
- Flexibility around remote working

We believe that diversity makes for innovative, exceptional teams. X-Chem is an equal opportunity employer, committed to addressing the diversity and inclusion problem in the tech industry. That starts with making sure we have a diverse team where everyone feels at home and can contribute as an equal.

Please apply with your CV to recruitment@glamorous.ai