

## Machine Learning Engineer

When massive data meets AI, magic can happen. We are combining two of perhaps 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.

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!

X-Chem has 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 Engineer to join us on our mission!

### The Role:

Working alongside our machine learning, data scientists and engineers, you'll help us build and scale our machine learning platform to support our clients.

### Responsibilities:

- Deliver impactful business outcomes through the development, deployment and scaling of cutting-edge innovative DL/ML models and statistical methods at a production scale
- Create models that solve chemistry problems using cutting edge methods.
- Use Google Cloud Platform and AWS to deploy, manage and secure applications and data.
- Build scalable ML pipelines to manage libraries of billion of compounds
- Help establish short and long term goals for our software platform, RosalindAI.
- Work 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

### Required Skills:

#### Essential:

- Track record of developing ML within cross-functional teams.
- Hands-on experience with current machine learning toolkits, especially deep learning (e.g graph convolutional neural network, generative deep learning).
- Experience deploying and managing ML models in production
- 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, operations research and/or engineering. A Ph.D. degree is not required, but preferred.
- 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
- Production experience with cloud platforms such as GCP and AWS.
- The ability to communicate clearly and effectively with specialists from your own and other fields.

We Offer:

- Talented, motivated and interesting 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.
- We are a cross-disciplinary team and come from all backgrounds and countries.
- 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](mailto:recruitment@glamorous.ai)**