## **About the job**

Head of Machine Learning

Company: DeepRec.AI

A fast-growing early-stage biotech company, backed by a leading life sciences venture firm, is at the forefront of Protein Editing, targeting previously undruggable proteins through innovative small molecule chemistry. They combine cutting-edge machine learning with chemoproteomic technologies to drive the discovery of novel chemistries. The team currently consists of 45 people and is expanding rapidly.

We are seeking an experienced Head of Machine Learning to lead a team of data scientists focused on applying ML to proprietary chemistry data. This role involves developing strategy, building high-performing teams, and advancing generative design in drug discovery. Ideal candidates should have deep ML expertise, especially in deep learning for chemical structure representation, and a passion for impactful science in a dynamic environment.

Key Responsibilities

* Develop the ML vision and strategy for small molecule discovery.
* Build and lead a data science team focused on drug discovery using deep learning.
* Innovate on ML models and algorithms, ensuring scalable and validated solutions.
* Collaborate with cross-functional teams across chemistry, proteomics, and AI.
* Communicate progress and strategy to leadership and external advisors.

Qualifications

* Ph.D. in ML, computer science, or related field.
* 3-10+ years of experience in computational science or AI, with a focus on real-world problem-solving.
* Expertise in ML, deep learning architectures, and cloud development, experience in small molecule drug discovery is nice to have
* Strong leadership, communication, and team-building skills.

For more details please kindly apply and we will be in touch for an introductory call

We look forward to hearing from you

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### **Requirements added by the job poster**

* 4+ years of work experience with Machine Learning
* Doctor of Philosophy