***Welcome to Warner Bros. Discovery… the stuff dreams are made of.***

**Who We Are…**

When we say, “the stuff dreams are made of,” we’re not just referring to the world of wizards, dragons and superheroes, or even to the wonders of Planet Earth. Behind WBD’s vast portfolio of iconic content and beloved brands, are the *storytellers* bringing our characters to life, the*creators* bringing them to your living rooms and the *dreamers* creating what’s next…

From brilliant creatives, to technology trailblazers, across the globe, WBD offers career defining opportunities, thoughtfully curated benefits, and the tools to explore and grow into your best selves. Here you are supported, here you are celebrated, here you can thrive.

Max is where storytelling takes center stage and where creatives find a home with the support and resources to do their best work, no matter the genre or format. Whatever the viewer wants to watch is front and center and more of what they crave is easily discovered. It is where our exclusive Max Originals and iconic entertainment brands thrive, with HBO, HBO Max, Warner Bros., DC, Turner Classic Movies, Cartoon Network and more delivering the greatest array of series, movies, and specials for audiences of all ages. HBO Max originally launched in the United States in May 2020 and introduced a lower priced, advertising-supported tier in June 2021. It rolled out globally across Latin America and the Caribbean in 2021, followed by its first European launches in the Nordics and Spain later that year. In May 2023, Warner Bros. Discovery introduced Max, an enhanced streaming platform, in the U.S. HBO Max is currently available in 46 countries and there are plans for the continued global expansion of Max in 2024.

**About You:**

We are looking for a passionate Machine Learning Engineer to build and scale the DTC personalization systems and services for our new global streaming app, Max, as well as any future DTC streaming apps. You will be in the unique role of acting as a leader who can work seamlessly with modeling and engineering teams and can build and contribute to architecting a system that serves millions of users worldwide. As an engineering leader, you are excited about working in an environment that fosters innovation via prototyping, development, experimentation and productionization. You will bring the right balance between rapid feature iteration and building a common set of platforms and tools to move quickly in the future.

**Responsibilities:**

* Architect, build and scale a recommendation system that powers a state of the art search & personalization experience to users across Max, HBO, Discovery+ and other WBD offerings
* Collaborate with other ML/Ops engineers to develop and improve core components, infrastructure and architecture to train, deploy and serve models at scale
* Collaborate with data scientists, engineers, product teams and other key stakeholders and drive ML projects from conception to completion
* Use and build upon open-source cloud computing technologies
* Participate and support engineering leaders in strategic planning and demonstrate good judgment in setting and delivering against strategic goals for the team
* Mentor, influence engineers across organizations and lead by example with high quality examples of your work at the organization level
* Motivate, inspire and create a culture of experimentation and data-driven innovation while constantly striving to be an advocate for doing what is right for our customers

**Requirements:**

* 8+ years of industry experience, with 4+ years as tech lead experience (preferred)
* Deep practical knowledge of Search systems, with information retrieval and ranking algorithms is required, experience with NLP techniques is a plus.
* Knowledge of large-scale distributed application architecture, design, implementation and performance tuning
* Good practical knowledge in modern machine learning lifecycle.
* 5+ years of programming experience using Python/Java with ability to rapidly prototype ideas and refine towards production.
* Ability to drive roadmap and directions of scalable production quality systems end-to-end.
* Excellent written and verbal communications skills, be comfortable presenting to large audiences
* Advanced degree (M.S., or Ph.D.), or equivalent industry experience in software engineering, computer science, machine learning or related fields
* Experience with one of the cloud platforms AWS/GCP/Azure
* Experience with CI/CD tools like GitHub Actions, Jenkins etc