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Data Scientist

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Boston, Massachusetts, United States, New York, New York, United States

About us

Layer Health is an AI startup spun out of MIT CSAIL, revolutionizing clinical documentation by leveraging the power of large language models. Having deployed our technology in real-world health systems, we've witnessed how the difficulty of accurately and efficiently extracting information from clinical notes affects all aspects of healthcare. We are building an AI layer that will radically speed up and improve the quality of extracting and synthesizing information from medical records, with the mission to reduce friction everywhere in healthcare, power the future of precision medicine, and ultimately improve patient outcomes. Our diverse founding team brings expertise across machine learning, large language models, medicine, and human-computer interaction.

We're seeking outstanding hires to join our seed-stage stealth company as early members. Together, we will create the AI layer that will redefine healthcare for the better.

Job Description

We're hiring an exceptional data scientist. In this role, you will be responsible for advancing our fundamental ML and data science capabilities for healthcare.

You can expect to:

- Develop, validate, and measure the impact of large language model (LLM) and other ML-based approaches for chart abstraction from both unstructured and structured healthcare data.
- Work hand-in-hand with our customers to best leverage Layer Health's platform and supercharge their workflows.
- Stay up-to-date on the latest in NLP and generative AI research literature and proactively explore these technologies where applicable.
- Establish and enforce best practices for data science and analytics.
- Cultivate and foster a robust and thoughtful data science and product culture that drives the company forward.

We look for:

- 5-10 years of professional experience in data science, including a proven track record of successful projects in healthcare or clinical applications.

- Strong programming skills in Python, and fluency with modern data science and ML/NLP libraries (PyTorch, Tensorflow, HuggingFace, etc.).
- A strong communicator who thrives in a customer-focused, fast-paced environment.
- Knowledge of both statistical and modern deep learning (e.g. transformer) techniques and architectures.
- An excited and adaptable team player who wants to disrupt the healthcare industry with AI/ML, alongside an awesome team.
- We are a Boston-based company, and expect engineers to meet regularly in-person in Boston (engineers from Boston, NYC, or east coast are welcome).

Join us and help us transform healthcare with AI. Layer Health is committed to foster an environment of inclusion that is free from discrimination. We are an Equal Opportunity Employer where employment is decided on the basis of qualifications, merit, and business need. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected Veteran status, or any other characteristic protected by law.