Research Engineer, AI

New York, NY // San Francisco, CA, United States

Apply

EvolutionaryScale's mission is to develop artificial intelligence to understand biology for the benefit of human health and society, through open, safe, and responsible research, and in partnership with the scientific community. Over the next ten years AI will transform biological design, making molecules and entire cells programmable. We will develop the foundation models for biology that enable this.

To continue to move the field forward in this emerging area, we prioritize individuals who have shown excellence and creativity in their respective domains over specific domain expertise. Having both biology and AI expertise is great, but not a requirement.

Our team does both deep research and product development, not only building the frontier biological AI models in the field but also putting them in the hands of the researchers at the forefront of the life sciences. This fundamentally requires elite engineers and scientists working together to solve big research and product challenges. We are building a world class multi-disciplinary team spanning AI research, engineering, biology research, and business roles, which requires strong communication and collaboration skills across roles.

The EvolutionaryScale team is based in two locations: San Francisco and New York. We believe in flexibility around work schedules and locations, but expect that our team members will work half of the days or more of most weeks from one of our two offices.

The role

- Understand the state of the art in AI or biology and move forward at least one of those fields.
- Contribute to executing the research roadmap for the company, including large-scale pretraining of foundation models, fine-tuning foundation models for impactful applications in biology, applying AI models in workflows solving applied problems in biology, etc.
- Drive the research for a portion of the company's cutting-edge foundation model efforts and lead projects in that area.
- Implement software for research initiatives.
- Collaborate with other researchers and engineers.
- Engage the wider scientific community through impactful publications and open source releases.

Preferred qualifications

- Proficiency in programming languages such as Python.
- M.Sc. in computer science or related field; or equivalent experience.

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- 3+ years of experience implementing models with pytorch or equivalent tools.
- Ability to plan and run ML experiments, analyze and communicate outcomes.

Apply for this job

First Name *

Last Name *

Email *

Phone

Resume/CV *

Attach, Dropbox, Google Drive, or enter manually

Accepted file types: pdf, doc, docx, txt, rtf

Are you legally authorized to work in the United States? *

Select...

When would you be available to start a new position? *

Do you now or will you in the future require sponsorship to work in the U.S.? (e.g., H-1B visa status)? *

Can you work at the specified job location? *

☐ New York City preferred
☐ San Francisco preferred
☐ Open to either
☐ No

Could you provide the contact details of one or two colleagues, collaborators, or managers who could serve as references for your work? Take your time with this request if needed; it will only become relevant after the interviews. Feel free to email this to us later as well.

Submit application