



Founding Geoscientist

[New Mantle Technologies](#) is on a mission to unlock the decarbonization potential of the subsurface by developing revolutionary tools to understand it. Backed by leading investors in climate tech and AI, we're assembling a world-class founding team at the cutting edge of earth science and machine learning.

We're hiring a Founding Geoscientist to join us at the ground floor.

Next-generation geothermal power is a carbon-free, always-on, and ubiquitous resource with the potential to power the entire world 140-times over. Over the next 5 years, we aim to enable exponential growth in geothermal power production by making it as easy to de-risk a site for geothermal energy as it is for solar and wind. We are doing this by leveraging AI and physics to achieve technological breakthroughs in subsurface characterization.

We want to build a company where it feels genuinely good to come to work—a compassionate community with scientific conviction that we can solve the climate crisis. If this sounds fun, come join us.

What you'll do:

We are looking for a Founding Geoscientist to lead all geological aspects of our product development.

You will be the geologic brain behind the product - the primary expert responsible for developing and improving the geologic modeling frameworks and data workflows that drive our platform. You will collaborate closely with our CTO and machine learning scientists as well as our customers to improve the accuracy and geographic extent of NMT's novel AI/geophysics model.

You'll have the opportunity to build a new company from the ground up and invent new technology to radically increase clean energy supply. We are committed to creating an unparalleled opportunity for learning and upheveled responsibility. This is a chance to co-create a new category-defining business in the geophysical exploration space.

Total compensation will be a mixture of cash and stock options. NMT offers best-in-class health benefits.

About you:

We are looking for individuals with the following attributes:

- Proven experience in geologic and geophysical investigations, with a strong background in structural geology
- Experience with computational methods in the geosciences, and familiarity with Python
- Adaptable problem solving and ability to learn new approaches quickly
- Structured thinking and excellent communication skills

Ideal candidate will have:

- Experience applying or overseeing subsurface characterization, with a strong understanding of reservoir characterization

Expected education: We expect that successful candidates will have completed a PhD, or have equivalent industry experience, in geosciences or subsurface energy development, focusing on structural geology, geomechanics, or geothermal reservoir characterization.

Geography: Preference for in-person employment in Boston; potential for hybrid or remote arrangements.

We're eager to meet people who believe in our mission and can contribute to our team in various ways—not just individuals who check all the boxes. Don't rule yourself out. If this role resonates with you, we encourage you to apply.

EEO Statement

NMT provides equal employment opportunities to all employees and applicants and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state, or local laws.

Accepting Applications:

Interested? [Please fill out an application here](#)