

Machine Learning Engineer (US Citizenship Required)

About Rotational

We craft bespoke AI solutions tailored to our clients' unique needs, and we value open communication, collaboration, and mutual respect among our team members. At Rotational, practical experience and a passion for continuous learning are more important than certifications.

What We'll Depend On You For

- Design, develop, and deploy machine learning models and algorithms to solve specific business problems for our clients.
- Utilize open source machine learning libraries such as HuggingFace, PyTorch, TensorFlow, and others to build and fine-tune language models and computer vision models.
- Collaborate closely with data engineers and software developers to integrate machine learning models into production systems.
- Conduct thorough experimentation and evaluation of models to ensure accuracy, efficiency, and scalability.
- Stay updated with the latest advancements in machine learning and AI research to incorporate cutting-edge techniques into our solutions.
- Communicate effectively with stakeholders to understand project requirements, provide insights on technical feasibility, and present solutions.
- Engage in sprint planning and daily engineering standups; participate in synchronous and asynchronous code reviews; receive and provide feedback to colleagues.
- Help us to create and maintain a culture of respect by valuing the contributions of other engineers both within and outside the company.

What You Can Expect From Us

The core Rotational values are:

- **Curiosity.** We work on a wide range of technical tasks from ML to protocol buffers, and everything in between. We enjoy going outside our comfort zones because we stay curious!
- **Respect.** We'll take your contributions, your opinions, and your feedback seriously. We'll assign you real, hard work, including tasks that push you beyond your current experience.
- **Collaboration.** We're teachers at heart; we'll provide you with plenty of opportunities for collaboration (e.g. pair programming, whiteboard, design sessions) and mentorship.
- **Excellence.** We love a job well done, and we all share in the responsibility to build high-quality software that's secure, robust, and a pleasure to use.
- **Growth.** We're technologists who believe that technical innovation requires both software development and people development. We want to understand your goals and help you achieve them.

Things We're Looking For

- Empathy and communication skills.
- Proficiency in Python and familiarity with open source machine learning libraries (e.g., HuggingFace, PyTorch, TensorFlow).
- Experience with natural language processing (NLP) and/or computer vision models.
- Strong understanding of machine learning algorithms, model evaluation, and performance optimization.
- Ability to work collaboratively in a team environment, communicating complex technical concepts effectively.
- Demonstrated ability to adapt quickly to new technologies and learn new concepts independently.
- Academic experience with AI/ML such as implementing a library from a research paper, publishing a paper, or other studies.

Things We Aren't Worried About

- Specifics about degrees and credentials. We believe that creative and thoughtful programmers come from all different backgrounds.
- Knowledge of particular programming styles or AI techniques. We use many tools and we care that you are excited to bring what you know, that you're open to being flexible depending on the deliverable, and that you're willing to learn as you go.