

Job Title: Co-founder and Chief Technology Officer | Remote

Organization Name: Transcend | www.missiontranscend.ai

Who Are We?

Transcend is a mission driven start-up that is applying artificial intelligence and machine learning (AI/ML) to end violent conflicts and make peace. Transcend is built to free people and nations from violent conflict by helping governments and multilateral organizations make peace better. It helps peace-interested entities understand complexities, find common ground, and design better peace initiatives.

Our purpose is to design and implement humane AI systems that facilitate cooperation, problem-solving, and option generation. By tailoring inclusive decision-making processes and evidence-based approaches to each context, we hope to inspire a new generation of leaders committed to nonviolent conflict resolution.

Why are you needed?

We are seeking an exceptional Chief Technology Officer to join our team as a Co-Founder, playing a pivotal role in shaping the technical direction of our organization and helping us achieve our ambitious goals. As a key member of our founding team, you will be responsible for architecting and engineering our AI systems, collaborating with stakeholders across various domains, and ensuring the ethical use of technology to promote peace and social good. We're looking for a unicorn that can take our concept to an MVP and beyond. This is an exciting opportunity to combine your passion for AI, your commitment to making a difference, and your entrepreneurial spirit to create a truly impactful and disruptive technology venture.

What will you do?

Technical Leadership: Provide technical guidance and oversight for the organization, ensuring the delivery of high-quality, scalable, and maintainable AI/ML solutions that meet the needs of citizens and organizations involved in conflict resolution and peacemaking.

System Architecture: Design and implement Transcend's AI/ML architecture and infrastructure, focusing on human-centeredness, stability, resiliency, security, and performance. The platform should be able to build integrations with Large Language Models and ensure an operational system that ingests billions of sources and understand meaning, sentiment, and intent.

Data Analysis: Develop and apply machine learning algorithms to work with large datasets, extract insights, and identify patterns that inform our decision-making processes and drive growth.

Ethical AI Development: Ensure that our AI systems are developed and deployed in accordance with ethical principles and best practices, prioritizing transparency, accountability, and fairness.

Team Management: Manage, mentor, and guide (an eventual) diverse team of engineers and developers, providing constructive feedback and support to enhance their skills and expertise. The team should also understand how product requirements translate into technical requirements, junior engineering staff should be empowered, and delegation must be strong so you can focus on technical vision.

Research and Development: Keep abreast of emerging trends and technologies in the field of AI, exploring new techniques and applications that can advance our mission and grow our product capacity and offerings.

Stakeholder Engagement: Build strong relationships with external partners, including individual peacebuilders, NGOs, governments, and industry leaders, to understand their needs and tailor our AI solutions to address their unique challenges. Along with other senior staff, demos should be given to prospective clients to show what our products do and how they work.

Business Strategy: Contribute to the overall strategy and vision of the company, identifying new market opportunities and partnerships, and advocating for the responsible use of AI in service of humanity. This isn't necessary but is a great nice-to-have.

Fundraising: Participate in fundraising efforts, working closely with investors, grants, and other stakeholders to secure the resources needed to fuel our growth and scale our operations. This isn't necessary but is a great nice-to-have.

What would we love to see in you?

- Proven experience as a Machine Learning Engineer or similar role, with a track record of building ML infrastructure and AI-powered solutions. Additional engineering experience outside of the AI/ML domain is a huge plus.
- Expertise in at least one of the following areas: deep learning, natural language processing, computer vision, or reinforcement learning. Additionally, the ability to talk in-detail, in both technical and layperson's terms, about the pros and cons of a particular model or AI system is paramount.
- Proficiency in one or more of Rust, Python, Typescript, and Javascript and familiarity with popular frameworks.
- Proven experience building and delivering complex integrations and applications. Comfort with designing, conceptualizing, and planning system and network architecture is a huge plus.
- Substantial experience developing on, integrating with, and managing applications and tooling on an enterprise-grade cloud service provider such as AWS, GCP, or Azure.
- Exposure to, and ideally a strong preference on, at least one major CI/CD pipeline solution.
- Experience building and scaling products at hyper-growth startups.
- Strong written and verbal communication skills and an ability to convey highly-technical concepts to a breadth of audiences clearly.
- Ability and interest to travel.
- Master's or Ph.D. degree in computer science, machine learning, a math specialty, or a related field.
- Ideally, we'd like to see at least ten years of experience, but if you think you tick all the boxes and are excited to join us, please apply.

How do you apply?

To apply, send your resume and a paragraph outlining why you want to join Transcend to team@missiontranscend.ai. In the subject line, put, "CTO Application, First Name Last Name" and in the body of the email include links to the following: LinkedIn, Website, Twitter, GitHub, anything else you want to share.