Rust Developer

Location: 100% Remote - Full-time - Anywhere

To apply for this position please send your CV to recruitment@singularitynet.io informing the job title in the email subject line.

SingularityNET is looking for a kind, motivated, organised and results-driven Rust Developer to join our team!

What you should know about the SingularityNET organization
SingularityNET is the world's leading decentralised AI platform and organisation. The SingularityNET decentralized network, and the associated nonprofit SingularityNET Foundation, were founded in 2017 with an extraordinarily ambitious and important mission: To work toward beneficial Artificial General Intelligence (AGI) guided and controlled in a democratic and decentralized manner. Now in an exciting exponential growth phase, SingularityNet is launching a number of inspiring and ambitious spin-off projects planned as part of its Phase 2 whitepaper, including infrastructure, media and biomedical projects.

Global and decentralised, SingularityNET works with a team of c.a. 100 talented scientists, engineers and operational experts, working either remotely or in hubs of excellence worldwide. At SingularityNET we value collaborative and creative ways of working, within a culture of openness and transparency where every team member is empowered to make their finest contribution and thrive. We are committed to diversity and inclusion and all candidates are welcomed and encouraged to apply irrespective of race, gender, age, religious beliefs, LGBTQ+ affiliation or any other minority characteristic.

What we are looking for:
This is an opportunity to do exciting, cutting-edge work with leaders in the field of AI and Cognitive Architectures. Ben Goertzel, founder of SingularityNet and OpenCog, is a world leader in Artificial General Intelligence.

Required Qualifications:
We are seeking a Rust Developer to participate in the development of the core components of MeTTa language, which is now being implemented in Rust with APIs in C++ and Python. The position will initially suppose work on concrete subcomponents resolving issues and adding self-contained functionality, but may in the future also involve participation in a larger-scale design choices and changes, as well as implementation of MeTTa standard library components and deployment functionality, and higher-level cognitive algorithms (optionally).

A good candidate will have a balanced mix of analytic, imaginative, technical, critical thinking, and problem-solving skills.

You will be expected to:

● Collaborate and interact with other developers
● Create well-organized, optimized, and documented source code, in particular, in Rust
● Create and document software tools
● Test and debug source code
● Integrate complex software modules
● Work independently
● Have social/emotional intelligence and a sense of the elements of interaction that lead to connection and bonding
● Have reasonable English writing skills (while you don't need to be an epic poet or literary genius, you have a good grasp of English syntax and a reasonable ability to formulate simple ideas in clear, simple sentences.)
● Have an interest in (any of) computer science, AI/AGI, cognitive architectures, databases/knowledge bases/ontologies, logic/functional/probabilistic programming, etc.

Requirements:

● A proven track record with 5+ years' experience in software development
● Bachelor in Computer Science or equivalent
● Strong background in Rust programming in particular and software engineering in general
● Experience in either general-purpose programming language design, or database engines, or cognitive architectures
● Knowledge of or interest in contemporary paradigms in programming languages (e.g., dependently typed languages, gradual typing, probabilistic programming, etc.) and/or in computer science (e.g., related to category theory, HoTT, Curry-Howard isomorphism, etc.)

What you will get in return

- Being part of one of the greatest AI and blockchain teams in the world that aim to create beneficial Artificial General Intelligence for the good of humanity
- Working with entrepreneurs and startups in their first steps towards the market
- Working with all other projects in SingularityNET that each have the potential to change the world in domains like health, finance, media, and computing
- A lot of freedom and responsibility in organizing your work hours and location
- Opportunities to advance your career in many potential directions
- Salary and benefits in line with your experience and location

The company reserves the rights to update or change this job description any time.