

Core Engineer

Remote

The [NEAR Protocol](#) Engineering team is looking for an engineer to work on the protocol specification and its implementation in Rust. You will be working with complex concurrent systems, low-level code, complicated state machines, and novel algorithms. You will be expected to fully own various components and drive their implementation from beginning to end, including the design, the implementation, the maintenance, and the documentation. You will be surrounded by highly productive and meticulous engineers who will be holding you to the same standards.

We are looking for a talented, meticulous, and productive person who loves working in an energetic and free-thinking environment, feels comfortable challenging opinions, and most importantly who shares with us the same desire to make the web free again.

Qualifications

- Fluency with algorithms and data structures
- Ability to learn new languages and technologies fast
- Excellent coding skills
- Ability to go from design to implementation fast
- Good communication skills
- Meticulousness
- Experience with Rust or alternatively but less preferred C++ or Go
- Experience with concurrency or parallelism

Nice to have:

- Familiarity with internals of other blockchains
- Knowledge of cryptography
- Knowledge of compilers or virtual machines
- Knowledge of networks or operating systems

Responsibilities

- Communication and collaboration with a fully distributed team
- Design and implementation of various complex Rust components
- End-to-end ownership of various components
- Design of new protocol changes
- Performance tuning and optimizations
- Work with open source community by collaborating with external contributors on our codebase, creating and participating in events, facilitating information exchange between our community and other open source communities
- Participating in the on-call rotation

About NEAR and the NEAR Collective

NEAR's mission is to enable community-driven innovation to benefit people around the world. The NEAR platform provides a decentralized application platform that is secure enough to manage high value assets like money or identity and performant enough to make them useful for everyday people, putting the power of Open Finance and the Open Web in their hands.

The NEAR platform, NEAR Protocol and associated tooling are being built by the NEAR Collective, a collection of the best engineers in the world who work across teams, companies and countries similar to other large scale open source projects. Core contributors include a couple of 2-time ICPC world champions, 2 gold medalists, a Latin American champion and multiple other competitive programming finalists.

To apply for this job, send your resume/CV to

— email

— telegram