

Lightning Infrastructure Engineer

In addition to the core Lightning Network Daemon software and end-user applications, the Lightning Network ecosystem includes supporting systems like watchtowers (a form of backup), peer availability/network monitoring, fee estimation, currency conversion, and other services. A Lightning Infrastructure Engineer is a systems-oriented engineer who will design and build out key components to support the growth of the Lightning Network. These tools will lower the barrier to entry for operating Lightning nodes and enable existing node operators to more effectively manage their infrastructure.

An ideal candidate would have a strong passion for Bitcoin and a desire to make using Bitcoin cheap, fast, and simple for everyone.

Roles:

- Write advanced software tooling for automated channel management and initial client channel selection (autopilot)
- Implement algorithms for ongoing capital management and optimization (fee maximization and capital efficiency)
- Design and maintain a suite of monitoring and alert infrastructure for routing nodes
- Develop and collect metrics to passively analyze of the health of the network based on graph and node level signals
- Design and build novel systems designed to help nodes/users acquire and manage liquidity on the Lightning Network

Skills:

- Experience building and operating secure, scalable, highly-available systems
- Experience developing and supporting publicly available APIs
- Familiarity contributing to open source projects preferred
- Experience in systems programming languages such as Go, C or C++
- Security and adversarially-oriented mindset
- Knowledge of Bitcoin and applied cryptography; understanding of the Lightning Network protocol preferred

To apply, please send resume and any additional info to jobs@lightning.engineering.

Check out our Github repos at <https://github.com/lightningnetwork/lnd>, <https://github.com/lightninglabs/loop>, <https://github.com/lightninglabs/lightning-terminal>

¹ <https://blog.lightning.engineering/posts/2018/05/30/routing.html>