**Job Spec**

A dynamic, entrepreneurial London based Hedge Fund is looking for a highly qualified, motivated & self-starting Linux Systems Administrator/ Trading Infrastructure Manager to start immediately. Candidate must be experienced in a similar role, though not necessarily in financial services, although profiles with such an experience of working in similar environments will be looked at favourably.

Duties and Responsibilities:

* Maintenance of trading infrastructure
* Contribute to the overall configuration management
* Monitor the production computing environment using established tools
* Handle incidents arising during trading hours (as part of a rota)
* Automate routine tasks
* Performance optimisation and latency optimization (Linux and trading systems)

Mandatory experience and Skills:

* Deep understanding of Linux
* Understanding how network stacks, scheduler, virtual memory system and interrupt handling work
* Strong scripting skills in Shell and Python
* System and network monitoring (Nagios)
* Excellent English communication and documentation skills
* Ability to work well as part of a team in a fast-paced environment
* Ability to communicate effectively with people of varying technical abilities
* Analytical mind-set, highly effective at decision-making
* Understanding of networking (routing, packet analysis, multicast, etc)

Desirable Experience and Skills:

* Ubuntu, Debian packaging and administration
* Exposure to agile development, DevOps style functions
* Virtualisation technologies (VMWare, KVM, XenServer)
* Experience with configuration management for standardised deployment (i.e. chef, Puppet, Salt)
* Familiarity with analysis tools (oprofile, vmstat, iostat, strace, tcpdump)
* Usual Linux applications including Jira/Tomcat, Apache, subversion, FTP, Postfix and RSyslog
* LDAP / Kerberos
* MySQL database administration (SQL query optimisation, replication, backup)

Desirable Qualifications:

* CCNA
* RHCSA/RHCE