Job Title: Information Technology Network and Systems Specialist

Department: Product

Reports to: VP Product & Engineering

Position Type: Full Time Non-Exempt

PRIORITY RESPONSIBILITY

Support the Golden Helix team in bringing our genomic analysis software products to market as a on-site system specialist. Take ownership of Golden Helix local and cloud IT infrastructure to maintain efficiency and security of company operations. Develop customized integrations and command line bioinformatic pipelines on Linux. Support the deployment of our software solution into the unique environments of our enterprise customers.

ESSENTIAL DUTIES

- Manage the security and reliability process for internal Golden Helix infrastructure
- Implement improvements to internal network and security infrastructure as the team grows
- Implement internal systems and network infrastructure with a mix of physical and virtual servers, on-premise and cloud-based servers, windows and Linux
- Provide support and IT assistance with deployment of our products for enterprise customers
- Investigate IT related customer problems referred by Field Application Scientists.
- Other duties as directed.

QUALIFICATIONS

- *Must have ability to work for any US employer without restrictions*
- BS or MS in a technical discipline or an equivalent combination of training and experience.
- Education in computer science, mathematics, engineering, life sciences, or a related field
- Strong experience in a technical engineering role as well as experience as a Systems Engineer.
- Track record of working in multi-discipline engineering project teams.
- Excellent communication skills and experience interfacing across multiple departments
- Understand network and enterprise technologies such as Ethernet, TCP/IP, PPP, IPSec, VLANs, VPNs, LDAP, ActiveDirectory, cluster computing, virtual machines and docker/ singularity
- Skills in the following areas are generally required: Unix or Linux OS, Scripting or Programming in C, C++, Python, Bash, Javascript or a similar language
- Bioinformatics experience a plus, but not required
- Track record of written and oral communication experience, such as publications, grant applications and conference presentations

MEASUREMENTS

The Information Technology Network and Systems Specialist will be measured on:
- Internal infrastructure integrity and security
- Fully supported internal Golden Helix teams
- Successful implementation of our solution by enterprise customers