

Job Description

Position: Software Engineer II

Responsibilities:

The successful candidate for the position of Software Engineer II will be responsible for

- requirements analysis
- module design
- software design
- functional layout
- development and programming

with a focus on algorithms, and data representation.

The engineer will also be expected to be able to understand, develop and use ML/AI within local and cloud systems.

The SE-II will join an interdisciplinary team of software engineers, computational biologists, bioinformatics analysts, laboratory scientists and management executives who are working together to discover and improve oncological therapeutics.

The SE-II will be expected to maintain a high level of professional standards in analysis, development coding to support the various initiatives and activities of the organization. The successful candidate will have a demonstrated ability to work in a fast paced, high quality environment with a focus on delivery of high speed and high availability systems and solutions.

Requirements:

- Undergraduate degree in the Computer Sciences or other related discipline or equivalent experience.
- 4+ years experience with software programming in Windows and/or Linux environments;
- Baseline familiarity with using command-line and shell (/powershell).
- Basic understanding of networking and addressing.
- Must have mastery of three or more of several programming languages, libraries: Python, C#, C++, Python, F#, and Java.
- Must have experience with databases, including graph (Neo4J or others), and relational (SQL).
- Must have experience with Docker, Kubernetes.
- Must have experience developing and using AI libraries such as TensorFlow, CNTK and/or PyTorch.
- Experience using Github and other repositories;
- Experience with Grakn.AI or other hypergraph databases is also a plus;
- Experience with javascript, CUDA, and C are a plus.
- Relevant experience or formal training in computational biology, machine learning, and statistics is a plus;
- Demonstrated capability as a creative problem-solver, detail-oriented, self-motivated, and able to work independently as well as within cross-functional teams;