

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, functional layout, software design and development with a focus on algorithms, data management and representation and AI, with some focus in bioinformatics. 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 develop new methodologies to rapidly and accurately identify new genotypic and phenotypic factors that may lead to disease, and to provide best-in-class tech-enabled services for pharmaceutical and other healthcare & life sciences customers so that those customers may develop better options for disease diagnosis and/or treatment. 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 Linux environments;

Must have demonstrated mastery of three or more of several programming languages, libraries, components and applications: C#, C++, Python, F#, and Java. Experience with javascript, CUDA, and C are a plus.

Must have experience with IIS, Apache, SQL, MySQL, and Neo4j. Experience with Grakn.AI or other hypergraph databases is also a plus;

Must have experience developing and using AI libraries including TensorFlow and CNTK and/or PyTorch.

Experience using Github and other repositories;

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.