

Data Scientist

Job Description

Codex Genetics enables precision medicine through AI-powered analytics on both genetic and clinical data. We aim to provide holistic, clinically actionable disease management solutions for cancers and rare diseases patients. CoGenesis® genetic testing technology accelerates diagnostic processes and helps disease treatment and disease management.

We are looking for a candidate to join the Codex's research & bioinformatics group to develop advanced genomics analysis and clinical data management platform. Big data analytics and visualization are quintessential parts in all genomic studies, and this position offers an excellent opportunity for the candidates that are interested in bridging their career gap between computer science and medicine.

This individual will be responsible for the software development of projects collaborating with hospitals, research institutes and pharmaceutical companies to develop machine-learning based bioinformatics algorithms and data visualization approaches.

Job Description:

- Assist the development of scalable bioinformatics tools using Docker and cloud technologies.
- Implement machine learning and big data analytics to draw insights from clinical, demographic and genomics data.
- Assist the development of visualization algorithms / tools for personalized genomic results
- Interactive web portal development using Node.js, HTML5, CSS, React.js, Plotly.js and/or D3.js
- Clinical database development and management
- Present data and analytical results to the team and other senior researchers.

Skills & Requirements

1. Ph.D. degree in Bioinformatics, Life Sciences, Computer Science, Computer Engineering or related field is welcomed, with attractive remuneration
2. Bachelor or Master degree in Bioinformatics, Life Sciences, Computer Science, Computer Engineering or related field is required
3. Self-motivated and passionate
4. Have a focus on high-quality and best practices in coding
5. Expertise in at least two of the following programming languages - JavaScript, Node.js, Python, Java, C++
6. Experience in web development/design is a plus
7. Experience with cloud computing platform such as Amazon AWS
8. Strong written and oral skills, fluent in both English & Chinese.

Interested parties please email full resume with expected salary and available date to careers@codexgenetics.com .

(Information provided will be used strictly for recruitment purpose only and will be destroyed after completion of the recruitment process)