

Data Scientist / Software Developer in Immuno-Oncology

Why do cancer treatments work in some patients, but not in others? How can we use genomics data to discover new drug targets? We seek an energetic and team-oriented **Data Scientist with expertise in software development** (especially web-based data visualisation) to join a multi-disciplinary effort to discover new biomarkers and targets of cancer immunotherapy.

Our laboratory uses joint experimental and computational approaches to decipher tumour biology (www.skandlab.org). In the concrete project, the candidate will develop new **data-driven approaches and visualisations to discover biomarkers and targets related to cancer immunotherapy**. The project will leverage large public cancer genomics datasets as well as deep genomic, molecular, and medical data from ongoing local clinical trials.

We are located in the Genome Institute of Singapore, an international research environment set in the biomedical Biopolis campus. Inter-institutional collaborations are accessible and encouraged. Singapore itself is a vibrant, cosmopolitan city, ideal for work, family, and leisure.

Requirements

1. Bachelor in Bioinformatics, Computational Biology, (Bio)statistics, Computer Science, Engineering or related field with strong emphasis on quantitative data analysis. Bachelor in Biology with strong software development expertise will also be considered.
2. Proven experience in software development (e.g. a Github repository)
3. Proven experience with data visualisation and front-end development (e.g. javascript/CSS)
4. Experience with analysis of cancer genomics data is not a requirement
5. Excellent written and spoken English

Interested candidates are invited to send a curriculum vitae to Anders Skanderup (skanderupamj@gis.a-star.edu.sg).

#jobs