Genomic Data Science - Research Assistant

Cancer Science Institute - National University of
Singapore

Dr. Jason J. Pitt Laboratory

The position of Research Assistant is immediately available in the laboratory of Dr. Jason Pitt, which integrates cutting-edge data science techniques with biological expertise to facilitate novel discoveries in cancer genomics. Working closely with Dr. Pitt and colleagues, the shortlisted candidate will:

1)   Develop software solutions that allow cancer researchers to perform science at scale.

2)   Coordinate the aggregation, processing, and analysis of large genomic datasets.

3)   Document code and contribute to scientific manuscript writing.

Qualifications:

- Bachelors' or Masters' in bioinformatics, computer science, genetics or related fields.
- Strong Python programming skills and proficiency with Unix-based systems.
- Working knowledge of databases (SQL, MySQL, noSQL, etc.) is an added advantage.
- Experience analysing high-throughput biological data, particularly DNA sequencing, is preferred though not required.
- Familiarity with high-performance and/or cloud computing (e.g. Amazon Web Services) is an added advantage.
- Basic understanding of statistical inference.
- Excellent written and spoken English.

Interested candidates should contact Dr. Pitt for more information. Applications should include a curriculum vitae and contact information for 2-3 referees. Please also include a short (< 1 page) summary of your research experience, programmatic expertise, and why this position interests you.

Dr. Jason J. Pitt
Special Fellow
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