Dear Hiring Authority Saturday, May 20, 2023

After reviewing your posting for a Senior Computational Scientist, I would like to submit my credentials for your review. As a Research Professional here in Cambridge. My most recent appointments have been in the Small Molecule Drug Discover space for Neurodegenerative Disorders. With Regards to this position, I can speak to the following relevant experience…

* MS with 8+ years experience
* Fluency in R using packages from Bioconductor
* Experience subcloning Eukaryotic proteins into expression vectors
* Knowledge of fast-Q file formats for downstream sequence alignment
* Use of common statistical tests available in Prism
* Experience using cloud computing services namely AWS
* Formal software development experience
* Fluent in unix, and SQL like DB technology for data analysis
* Working knowledge of standard bioinformatic tools used in NGS pipelines
* Working knowledge of pipeline workflow engines: Nextflow, Snakemake

I have also conducted research on several disease states and their biological underpinnings. This involved attention to detail, trouble shooting and good communication skills and the use of Power Point presentations. In support of Assay Development efforts at Amgen and Caraway, I used scripting languages to read manipulate and visualize high dimensional data in an automated way. I also had the opportunity to parse web data and have been introduced to packages used in supervised and unsupervised machine learning tasks such as Sci-kit learn. It is my hope to continue to develop these skills while at the same time make meaningful contributions to your team.

I unfortunately do not satisfy***all*** the requisites in the description but it would be my pleasure to gain this new and valuable experience. As with my previous employment I would bring a can-do attitude into this exciting role and look forward to discussing my credentials in person or over the phone.

Thank you for your time and attention

Sincerely

Jabbar Campbell