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September 21, 2023

To
The Hiring Manager,

Dear Madam/ Sir,

During summer (May to July), Mr. Rajat Singh has worked with our start-up as a trainee. Under my guidance, Rajat is involved in developing a bioinformatic tool that can read a variant call format (VCF) file and can process the gene sequence variation data stored in it to generate meaningful biological insights. Additionally, the tool equips the users with a handle to visualize and to extract information about particular genetic variations of their own interest. I am writing to strongly recommend Mr. Rajat Singh for employment with your organization without reservation.

Rajat was hired for the trainee position in our company after a rigorous two-round interview. In the first round, all interested candidates from IIT-Gandhinagar were asked to build a basic tool using Python/RStudio (preferably RStudio) that can read a high-dimensional gene expression count matrix and produce a heat map with the distances. Based on the quality of the submissions, from the group of 3 short-listed candidates (all with a CPI ≥ 8.0), Rajat was selected for the position. At the time of the selection, Rajat had limited familiarity with R/ Bioconductor or developing tools with R shiny. Rajat has impressed us with his fast learning skills. In a matter of 3 months, he has learnt R/ Bioconductor and have developed the bioinformatic tool using R shiny. Rajat is a fast learner, has very strong programming skills and is very reliable to work with.

Beyond the summer despite having a busy college schedule (as he is currently a final year PG student), Rajat is continuing his work on the tool out of his own interest. Rajat has demonstrated a significant progress in developing five major features of the bioinformatic tool. For a specific variant of interest, a user can wield the tool to retrieve information about the gene on which the variation lies and also about the association of the gene with pathways from the very popular KEGG database. Rajat became proficient in learning about the methods used in bioinformatics. He has demonstrated his qualities in grasping new concepts very fast and in completing critical tasks within allocated time.

I wish Rajat well in his future. I am confident Rajat will far exceed your expectations for any relevant position that is available in your highly esteemed organization.

With Best Regards,

Poulami Dey, PhD
CEO & Co-Founder
Edu Bio India Pvt. Ltd.

