

Projects

I am Samreen Iftikhar bachelor's student at Pak Austria Fachhochschule Institute of Applied Science and Technology, Pakistan.

1. Bioinformatics Analyst

I have strong analytical skills, problem-solving abilities, and a keen interest in biological sciences, and is proficient in programming languages like Python and R also having experience in docking (pyrx), visualization tools (chimera).

Pharmaceutical companies (Halton Pharma), research institutions (Alpha Genomics), and universities in Pakistan.

Bioinformatics Analyst in a pharmaceutical company working on drug discovery and Research assistant in a university bioinformatics lab.

The job requires proficiency in advanced bioinformatics software, machine learning applications, and next-generation sequencing data analysis, but there are gaps in these areas.

To become a Bioinformatics Analyst, I plan to enhance Python and R programming skills, learn bioinformatics tools like BLAST and GATK, and gain NGS data analysis experience.

2. Genomics Data Scientist

I have basic genomics knowledge like Python or R programming skills, and experience with statistical analysis like anova and SPSS. I am interested in a role as a genomic data scientist in healthcare companies or diagnostic labs in Pakistan. I need proficiency in genomic databases, machine learning techniques, and advanced statistical methods. I plan to pursue online certifications and internships to get more knowledge.

Professional Networks

- LinkedIn: Join bioinformatics and biotechnology groups like computational biology and bioinformatics, follow companies, and connect with professionals in the field.
- Bioinformatics Pakistan Group on Facebook and other relevant social media groups.