



Job description: Bioinformatician

Background:

Taliaz Diagnostics is a start-up company looking to hire a Bioinformatician with the potential to progress to management positions. The company was established with the aim to develop an objective diagnostic tool based on genetic matching, to tailor the best antidepressant medication for depressed individuals. The company was sponsored by a chief scientist of the ministry of economy grant, and recently completed its first round of raising capital.

Position Description:

The Bioinformatician will develop algorithms for diagnostics projects, will perform statistical data analysis, and will design prediction models. The work includes analyzing clinical and genetic data, in addition to designing and conducting next generation sequencing experiments on DNA samples.

Requirements:

- Innovative and creative.
- MSc or PhD in Computational Biology.
- Experience in genomics and bioinformatics algorithms.
- Broad knowledge and experience in statistics, specifically in machine learning
- Familiarity with public genomics resources (NCBI, UCSC, 1000 Genomes, ENCODE etc.).
- Experience in working with next generation sequencing and analyzing mammalian genetic data.
- Experience using Python/Perl and Matlab/R
- Excellent communication skills, both written and oral.
- Excellent organizational skills.

Advantage skills:

- Experience in genetic association studies (GWAS).
- Experience with quantitative and mechanistic models of transcriptional regulation.
- Experience in Linux/unix environment .
- Experience in Biotech, especially in working with clinical data

CV should be send to zohari@gmail.com