Bioinformatics Scientist Job Opening

GB HealthWatch is a Nutrigenomics and digital Health Company located in San Diego, California. We develop next-generation sequencing genetic testing for complex diseases such as Type 2 diabetes and Alzheimer’s; genetics-targeted lifestyle intervention mobile app and nutraceutical drugs. We have an ambitious goal and we are working closely with top-tier clinicians and scientists to bring genetics-based preventive medicine to reality.

We are seeking a talented and passionate Bioinformatics Scientist to join this young and exciting company.

GB HealthWatch offers a competitive salary, stock options and unlimited career growth opportunity. We will be happy to provide sponsorship for a H1B Visa and green card application.

Major Responsibilities

- Create, design and maintain database architect for genetics-based precision medicine and precision nutrition applications.
- Create and design self-learning data structure and algorithm to support continuously optimization of genetic risk prediction and treatment recommendation.
- Utilize bioinformatics theory, method and algorithm to provide critical evidences and reviews for designing and development of genetics-targeted preventive medicine and nutritional therapies.
- Collaborates with bioinformatics team and user interface team to automate genetic risk predication pipeline and present actionable genetic reports to physicians and patients.
- Develop and maintain bioinformatics database update automation procedure.
- Provide bioinformatics consulting service and data analysis service to other team members as needed.

Required Skills, Experience and Qualifications

MS or Ph.D. in bioinformatics, molecular biology or related field with 0-3 years post graduate experiences. Postdoctoral scholars are welcome.

- Strong knowledge of molecular biology and genetics.
- Strong knowledge of relation databases and SQL.
- Strong skills in programming languages in Perl, R or Python.
- Must be familiar with publicly available bioinformatics databases, tools, algorithms, and websites, such as NCBI, UCSC, ENSEMBL, ENCODE, 1000 Genomes and NHGRI. Knowledge of NGS data processing.
- Proficient in the Linux operating system and basic shell script programming.
- Natural talent for systematic thinking and planning.
- Attention to detail.

Preferred Skills, Experience and Qualifications

- Experience with cloud-based computing services.
- Knowledge of statistics preferred.
- Knowledge of biochemistry and molecular nutrition.
- Good interpersonal and communication skills.

Contact us:
Please email your resume to: employment@gbhealthwatch.com