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, a genetics-targeted lifestyle intervention mobile app, and nutraceutical drugs. We have ambitious goals and 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 potential. We will be happy to provide sponsorship for a H1B Visa and green card application.

Major Responsibilities

- Create, design and maintain database architecture for genetics-based precision medicine and precision nutrition applications.
- Create and design self-learning data structures and algorithms to support continuous optimization of genetic risk prediction and treatment recommendations.
- Utilize bioinformatics theories, methods and algorithms to provide evidence and critical review for designing and developing genetics-targeted preventive medicine and nutritional therapies.
- Collaborate with bioinformatics and software development teams to automate genetic risk prediction pipelines and present actionable genetic reports to physicians and patients.
- Develop and maintain the bioinformatics database and update automation procedures.
- Provide bioinformatics consulting and data analysis services to other team members as needed.

Required Skills, Experience and Qualifications

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

- Strong knowledge of molecular biology and genetics.
• Strong knowledge of relational 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@gblifesciences.com