Personalis™

JOB REQ#:   **118**
POSITION: **Bioinformatics Scientist, Applications**
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Personalis is a venture-backed startup company providing genome services for clinical research and medical diagnostics. We are seeking a talented and highly motivated individual to join our Research and Development Team.

Summary:
Personalis leverages world class expertise in genome sequence technology and interpretation to develop products for clinical research and medical diagnostics. We are seeking a talented bioinformatics scientist who will take a lead role developing algorithms and software to interpret human genome sequences and designing innovative products for research and genome guided medicine.

Responsibilities:
- Develop and implement algorithms, statistical methods and software to analyze human genome sequences for genetic risks, disease mechanisms, and drug response
- Develop and implement methods for integrative data analysis and visualization of analysis results
- Develop and implement methods for assessing the effects of different genetic variants
- Develop strong cross-functional relationships within the R&D and Operations teams
- Actively participate in developing project plans and providing regular updates against milestones
- Collaborate with internal and external research scientists on analyzing human genome sequences for personalized medicine

Requirements:
- Minimum of 2-5 years of doctoral, post-doctoral or work experience analyzing, visualizing, interpreting large-scale genomic/genetic datasets
- Extensive experience with R development, preferably for genetics/genomics applications
- Outstanding programming skills in Perl, Python, C, or Java
- Prior experience with MySQL and public repositories of genetic, genomic, and biological data is a plus
- Prior project experience with human genetics and/or analyzing genome-wide association studies is a plus
- Prior graphical programming experience is a plus
- Strong communication skills and ability to collaborate with cross-functional teams across the organization
- Strong desire to work in a high-energy, hands-on startup environment

Education:
MS or PhD in bioinformatics, computational biology, computer science, statistical genetics, or a related field.

If interested, please submit a letter of interest, resume and salary requirements to careers@personalis.com