Pangea Therapeutics is transforming precision oncology through a powerful computational platform that makes sense of exome-wide genetic interactions. Using that approach, Pangea has developed accurate biomarkers that predict response and resistance to targeted therapies based on individual multiomic data. Pangea is working with leading cancer centers, pharma and biotech companies to improve clinical outcomes and develop the next generation of biomarker-guided therapies.

We are currently expanding and have several openings in our Tel Aviv-based R&D team. Please send CVs to **jobs@pangeamedicine.com** :

Senior Bioinformatics Researcher

As a researcher in Pangea you will:

- Develop core algorithms that underlie the company's activity
- Build models with direct application to patients based on diverse omics datasets
- Create tools that streamline the research process
- Present your results to collaborators and other members of the team, and engage in brainstorming sessions
- Follow the literature and keep up with the state of the art in transcriptomics, therapeutic response prediction, single-cell data analysis, and other hot topics
- Collaborate with the world's leading cancer data scientists, medical oncologists and oncopathologists

Required skills and background:

- MSc./PhD in Bioinformatics (exceptional candidates with B.Sc. will be considered)
- Strong statistical background with hands-on experience in statistical modeling, parametric and non-parametric hypothesis testing and multiple hypothesis correction. Hands-on experience with statistical models for survival analysis - an advantage.
- Hands-on experience in analysis of NGS data, emphasizing RNA-seq, from normalization of read counts to downstream analysis such as differential expression and gene set enrichment.
- Strong background in machine-learning, including hands-on experience in developing and evaluating supervised and unsupervised predictive models.
- Experience in python development.
- Background in cancer research - a strong advantage.

Senior Full-stack developer

As a full-stack developer you will:

- Design & Code products based on Pangea's algorithmic platform that cater to oncologists and drug developers.
- Optimize products for efficiency and reliability
- Decide on architecture of new components.
- Create intuitive user interfaces with emphasis on usability and portability.
- Build a solid infrastructure for customer-facing products as well as for the internal research team
- Find creative solutions to real life problems.
- Lead off-shore development teams

Required skills & background:

- At least 5 years experience in software development
- Experience in client-server and/or web application architecture design
- A team player who can also get things done on your own
- Experience with server-side development (Tomcat or similar), OOD and Java, SQL
- Experience with Linux environment and tools
- Experience with Big Data systems and ML applications – an advantage
- Experience with Docker, Git, AWS – an advantage