

Job Number: 62711

Job Description: The Bioinformatics Unit at the Life Sciences Core Facilities (Weizmann Institute of Science) is recruiting a scientific analyst for a **position in computational genomics**.

The primary responsibilities are providing analysis and consultations both one-on-one and to groups in topics such as:

- Comparative Genomics
- CRISPR design, trouble shooting and screening
- Promoter analysis
- Gene structure analysis and annotation
- Biological database searching
- Phylogenetic analysis

Required skills and background:

- Ph.D. in the life sciences, with a solid knowledge of molecular biology and/or genetics - required
- Molecular biology wet-lab experience – required
- Proficiency using Unix and personal computers, comfortable learning new computational tools
- Basic Programming experience (advantage: R, Python)
- Experience using bioinformatics software tools and databases, especially for genomics
- Demonstrated ability to learn new technologies
- Good interpersonal skills: patience in teaching, excellent communication skills
- Comfortable in both English and Hebrew
- Ability to multitask and meet deadlines, work and learn independently, and be self-motivated
- A record of taking the initiative to solve problems and working to high quality standards
- Teaching experience (advantage)

Please write to dena.leshkowitz@weizmann.ac.il

Subject: Computational genomics position (Job Number: 62711)

Job Number: 62710

Job Description: The Bioinformatics Unit at the Life Sciences Core Facilities (Weizmann Institute of Science) is recruiting a **scientific analyst in the areas of artificial intelligence and machine learning**.

Education and relevant skills:

BSc in computer science / bioinformatics / mathematics / physics / statistics – is a must

MSc / PhD – advantage

Knowledge in

- Biology (Genomics – advantage)
- Statistical analysis and work experience with big data
- Programming with Python (must), R (optional), and familiarity with Linux

Practical experience in

- Machine Learning projects
- Artificial Intelligence, Deep Learning / Artificial Neural Networks
- Computer Vision and relevant libraries in Python: Keras, TensorFlow and PyTorch
- A record of published papers and experience in writing papers is an advantage
- Delivering presentations or teaching skills
- High service oriented and interpersonal skills
- Both independent and team working ability
- Proactive, self-learning ability and a drive to learn the newest technologies
- Ability to work on several project simultaneously, and accurately meet deadlines

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Subject - Artificial intelligence and machine learning position (Job Number: 62710)