

Data Scientist

Job Offer

The Company

3Brain AG is a Swiss deep tech company working on cell-electronic interfaces that link biological networks to computers via custom-made semiconductor microchips. Our mission is to empower life scientists to probe intelligent networks, accelerate biomedical discoveries for the benefit of patients, and create a future more exciting than the present. Our interdisciplinary team of scientists and engineers are constantly pushing the boundaries of engineering for life's complexities. We are ambitious, fast-growing and love to explore. The company is headquartered in Switzerland nearby Zurich, has a R&D office in Genova, Italy, and has installed its cutting-edge products in laboratories and pharma companies worldwide.

More info: <http://www.3brain.com/about.html>.

Job description

3Brain is looking for a data scientist for its Italian office to work through a research grant (“assegno di ricerca”) at the intersection of our Company and our research partners at the University of Genova. The candidate will have a critical role in establishing the foundations of the 3Brain's future software products. At the end of the research grant the candidate will continue to work for the Company joining the Data Science R&D team. The ideal candidate must have experience in signal processing and machine learning and will interact with other members of the team. This position also requires hands-on coding.

Main responsibilities:

- Design and develop innovative strategies and solutions related to the Company's research and development lines using advanced signal processing and machine learning techniques.
- Conduct research on aspects of statistical analysis and advanced machine learning techniques, and contribute to scientific publications.
- Code software and/or tools, based from the research output, that can be integrated to the Company's current or future products.



- Modify existing software and tools to fix errors and improve the overall quality and functionality.

Required Qualifications

- MSc/PhD degree in computer science, applied mathematics, bioinformatics, bioengineering or similar.
- 1+ years of hands-on experience in signal processing and machine learning projects.
- Knowledge of Matlab and/or Python.
- Collaborative problem-solving ability, action-oriented and results-focused.
- Excellent English language skills.
- Applicant must have an EU residence permit.

Additional Qualifications

- Candidates with knowledge of C# and/or C/C++ are strongly preferred.
- Knowledge of numpy and/or tensorflow.

What We Offer

- A dynamic and stimulating work environment driven by a desire to build transformational technologies to help others.
- A young, fast-growing company with plenty of opportunities for personal growth and development.
- Working place: **Genova, Italy**. It is a wonderful Mediterranean city with and incredible history, located at the heart of nearby world-renowned places Cinque Terre or Milan, the fashion and business hub of Italy

To apply send your CV and short motivation letter to hr@3brain.com, subject: [Data Scientist](#).

