

Software Engineer

Job Offer

The Company

3Brain is a young, fast-growing, dynamic company focusing on brain technologies, one of the most fascinating research and business sectors with multiple applications and impacts on human life. 3Brain's mission is to provide state of the art technology to support life science research and improve human health. In particular 3Brain develops, manufactures and distributes high-quality instruments based on our patented CMOS multi-electrode array, a high-resolution neuro-electronic chip. The company is headquartered in Switzerland nearby Zurich, has a SW R&D office in Italy, and has installed its products in laboratories and pharma companies worldwide also thanks to its network of distributors covering among others US, Canada, China and Japan.

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

Job description

3Brain is looking for a full-time software engineer in the context of a new product development. Working on a consolidated software suite developed by the 3Brain's software team, the candidate will implement additional functionalities to handle, process and store high-speed neurophysiological data streams. Main responsibilities:

- Develop high-speed real-time data processing to manage big neural data
- Design, develop or modify software by using various programming languages, depending on the product
- Modify existing software to fix errors, improve the overall quality and functionality, or update integrations with other software
- Analyze user needs to determine how software should be built or modified
- Develop and/or perform software automated testing procedures, solutions and frameworks to ensure software is functioning as needed
- Translate business requirements and specifications into usable and scalable software
- Participate in design and code reviews
- Determine and execute the software deployment process



Required Qualifications

- Bachelor's degree in computer science, information technology or a related field
- 2+ years of experience in programming, software testing and design, and database management as it relates to software development
- 2+ years of experience in C# and .NET
- Software testing and design experience
- Excellent English language skills

Additional Qualifications

- Experience with a machine learning framework
- Programming or related experience in one or more of the following: C++, Python, SQL Server, ASP.NET, Objective-C, Swift, HTML or PHP
- Experience in building native mobile applications on Android or iPhone
- Knowledge of communicating with web services

What We Offer

- A dynamic and stimulating work environment in a young, emerging company
- Possibility of professional growth
- Flexible work hours
- Working place: Genova (Italy) a wonderful Mediterranean and historical city located nearby world-renowned places such as Portofino and Cinque Terre and 2 hours from Milan, the fashion and business hub of Italy

To apply send your CV and short motivation letter to info@3brain.com, subject: [Software Engineer](#)

