

## Senior Software Engineer

### 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 senior software engineer (Windows desktop applications) to coordinate the 3Brain's software development team in the context of a new product development. The candidate will mainly focus on high-level design but also on development of most critical parts of the 3Brain's software platform for neurophysiological data. Main responsibilities:

- Interface with his responsible to plan sw developments according to the time plan and customer needs
- Coordinate a small team of software engineers by assigning duties to the staff
- Revise and re-design existing software framework
- Implement time-critical parts and support other software engineers on coding when required
- Coordinate software maintenance and customer support on software

### REQUIRED QUALIFICATIONS

- 7+ years of experience in software development in Visual Studio IDE and WinForms
- 2+ years experience as team leader
- Broad and extensive knowledge of C#, C++ and Python, plus of multi-threading environments
- Knowledge of architectural styles and design patterns
- Master's in Computer Science, Software Engineering or related fields
- Excellent English language skills
- Great problem-solver

### ADDITIONAL QUALIFICATIONS

- Experience with a machine learning framework
- Data modeling and database design experience
- Knowledge in statistical analysis, signal and data processing

### WHAT WE OFFER

- A dynamic and stimulating work environment in a young, emerging company
- Possibility of professional growth and salary commensurate with experience
- 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