Software Test Engineer – FTC 12 months

White City, London

The Role:

At DNAe we are inventors of semiconductor-based next-generation sequencing (NGS) technology. Developing a medical instrument, we use DNA sequencing; the instrument detects presence of bacteria in human blood.

We at DNAe are currently looking for a Software Test Engineer to join our Sequencing Software Engineering Team. This is a fixed term contract role for 12 months based at our brand-new offices in White City.

Responsibilities – General:

The software running on DNAe instruments are used every day by all our teams. They require a high level of stability and reliability as they produce large volumes of real time data that are later analysed thoroughly by scientists. This role requires planning, designing, developing and supporting test activities using a variety of commercially available tools as well as bespoke solutions. Specific activities include,

- Acting as test leader and owner for all software running on target platforms
- Providing test plans, protocols and reports following the IEC 62304 standard
- Developing and maintaining test automation frameworks
- Running manual test protocols when required
- Participation in Agile ceremonies
- Liaising with external teams for test resources

Person Specification

Our scientists and engineers thrive on working within interdisciplinary teams. You should have a practical, self-motivated approach to your work, feeling comfortable with working in a small, dynamic start up environment. We are looking for people with a passion for their work - people who strive for exceptional results and who can deliver pragmatic solutions on time.

Required qualifications and experience:

- BS in Computer Science, Physics, Mathematics, or equivalently technical discipline, or significant years of commercial software testing experience with a focus on automated testing

- Experience working within an Agile software team

- Experience developing software for a highly regulated market

- Proficient in at least one programming/coding language e.g. Python, C++

- Knowledge of a variety of automation test tools (e.g. Selenium, Cucumber, Ranorex, SoapUI, Appium, Watir, JMeter) and technologies (e.g. JSON, RESTful web services)

- Experience working with TDD or BDD processes, along with CI/CD pipelines (e.g. Jenkins, Bitbucket)

- Experience in using test management tools such as qTest, TestLink

- Confident in a Linux environment and git source code management tool

- Clear communication skills and proven ability to train others

Experience in the following areas would be advantageous:

- V&V experience for medical device software e.g. ISO 13845 / IEC 62304

- Experience of the process requirements, documentation and traceability needed for regulated development. (Preferably, but not necessarily IEC 62304) (e.g. military / safety-critical)

- Experience in using a project management tool such as JIRA

Apply

If you believe you meet the above criteria and would relish playing a key role in developing a revolutionary technology, we would be delighted to hear from you.

We offer a competitive compensation package to successful candidates.

Please email your CV to **careers@dnae.com** quoting the role tat you are interested in.