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Software Test Engineer

Den Bosch, Netherlands

Our client Angiogenesis Analytics is a MedTech company that develops software for detection, localization and characterization of prostate cancer tumors with ultrasound equipment. Each year over 1,5 million man are suspected to have prostate cancer (PCa) based on an increased PSA (Prostate Specific Antigen) blood value. Each suspected patient is diagnosed whether the indication is actually true and what the stage of the PCa is. At present this diagnosis involves taking of 12 tissue biops. Related problems with this method are: 6% infection risk, 40% false negatives and a 75% overtreatment rate.

The software Angiogenesis is developing will make it possible to detect, localize and characterize the tumor with ultrasound equipment within few minutes, without all the disadvantages as described.

We are looking for an experienced software test engineer who can contribute to contribute to the success. The ideal candidate is a self-motivated, multi-tasker, and demonstrated team-player.

Responsibilities

- Guard the quality of the software of Angiogenesis Analytics.
- Maintain a healthy and effective (automated) test environment.
- Write unit and component tests (together with other test and software engineers).
- Specify, perform and maintain (system) integration tests.
- Maintain the test framework (under the supervision of the team lead).
- Write and maintain test plans.
- Test the tools
- Perform Manual testing and verification when required
- Closely cooperate with the software team during the development process.
- Closely cooperate with the Quality Assurance Manager.
- Support the (software) team with tasks at hand, if necessary.
- Data Management
- Execute potential other (temporary) tasks that might not belong to the core responsibilities, if necessary.

Requirements

- BSc or similar level of education in a relevant technical domain.
- Minimum 5 years of experience with setting up and maintaining automated test environments (the applicant doesn't need to have had end responsibility, however).
- Significant experience in writing test plans and writing unit and component tests.
- Significant experience in using Python.
- Significant experience with at least one well-known test framework.
- Having the drive for quality, the strong desire to find errors in own and others' code.

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- Ability and desire to learn new concepts and programming languages (both Python and C++ will be used throughout our systems, amongst others).
- Relevant practical programming experience with demonstrable quality levels.
- Fluent in English in writing and speech (all documentation and much of the day-to-day conversations are in English).
- Affinity with working in a small organization, hands-on attitude, willing to participate in a variety of tasks, self-supporting but also a team player, able to transform abstract concepts in concrete results.

Nice-to-haves

- Experience in Pytest, Robot Framework
- Experience in API Automation
- Experience with agile development methodologies.
- Affinity with (multidimensional) mathematics.
- Affinity with medical software, embedded systems, large-scale data processing.
- Experience with Panda, NumPy, Python 3.
- Experience with C++, MATLAB
- Experience with Git, GitLab, Linux, Jenkins, shell scripts.
- Speaking Dutch.
- Living near Den Bosch.

Opportunities

Since the company is a start-up and is yet small, there are many possibilities to shape your own job and further shape the company together with the rest of the team.

Be part of an innovative team creating an innovative product that improves the world.

Even though the company is small, the available array of employees and consultants brings a huge amount of experience that can be tapped from.

There are also opportunities to take supporting roles such as Scrum Master, IT support, project lead, (partial) product owner, UI engineer and integration specialist, amongst others.

**For more information please contact Mr. Anton van Rossum, Recruitment Consultant,
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