



Prague - Czech Republic

Software Test Verification Engineer

NEXT Biometrics manufactures fingerprint sensor modules based on the patented *NEXT Active Thermal™* principle. Its sensors are used in a wide scale of solutions and by many manufacturers, including 1st tier manufacturers like Dell and Fujitsu.

NEXT Biometrics' solution typically consists not only of hardware, but also several layers of software: firmware, drivers, SDKs and in some cases also applications. We are looking for an experienced Software Test Verification Engineer to take ownership of a testing process of a significant set of the software. Your task will be to own all phases of test process of a variety of SDKs and other host-side software which NEXT Biometrics uses both internally and as external products for customers. The SDKs allow their users to use NEXT Biometrics' fingerprint devices, perform fingerprint matching operations and provide other functionality in multiple different OS environments (Windows, Linux, Android, embedded environments).

Responsibilities

- Take an ownership of a testing process of a set of NEXT Biometrics' SDKs and other host-side software.
- Participate in all phases of a software development lifecycle – specification, design, development, test and release, and ensure the proper testability and quality of the software.
- Author the test specifications, test plans and test cases.
- Design, implement and execute software tests and test tools, and properly document the test results.
- Cooperate with NEXT QA on defining the quality/release acceptance criteria; design and execute corresponding tests.
- In order to minimize manual testing employ test automation and orchestrate individual tests into an automated test process.
- Assist in the software development process by ensuring proper testing of a new and modified code, and helping software developers to reproduce and isolate found bugs.
- Participate in improving testing platforms, tools and infrastructure.
- Consult and collaborate with other test engineers and software developers within the NEXT development organization.

Experiences

Essentials:

- Master degree in a relevant field (e.g. Computer Science, Mathematics, Electrical Engineering) + minimum 3 years of relevant work experience.
- Systematic, organized and thorough approach.
- Solid understanding of software quality best practices and processes.
- Good working knowledge of at least one of the following programming languages (C, C++, C#, Java) and a corresponding Unit Test framework.
- Good working knowledge of Windows (from test engineer's viewpoint).
- Working knowledge of at least one scripting language (Windows batch, Windows PowerShell, bash, Python).
- Experience with software development lifecycle and relevant tools (source control, task/issue management, build & CI etc.).
- Self-starter, ability to work independently without supervision.
- Leading skills, team player.
- Versatility, desire to learn new things, willingness to work in different development and testing environment.

**Nice-to-have:**

- Experience with test automation frameworks (e.g. Robot/Pytest /PERL/Selenium).
- Windows development, knowledge of Win32 API and communication with HW devices.
- Working knowledge of Linux (from test engineer's viewpoint). Embedded Linux experience is preferred.
- Working knowledge of Android (from test engineer's viewpoint).
- Working knowledge of embedded systems development and testing (any 32-bit platform; ARM Core preferred).
- Experience in fingerprint recognition field of business.

Apply at:

[NEXT Biometrics Test Verification Engineer](#)

NEXT Biometrics is committed to the principle of equal employment opportunity for all employees and to providing employees with a work environment free of discrimination and harassment. All employment decisions at NEXT are based on business needs, job requirements and individual qualifications, without regard to race, color, religion or belief, national, social or ethnic origin, sex (including pregnancy), age, physical, mental or sensory disability, HIV status, sexual orientation, gender identity and/or expression, marital, civil union or domestic partnership status, past or present military service, family medical history or genetic information, family or parental status, or any other status protected by the laws or regulations in the locations where we operate. NEXT will not tolerate discrimination or harassment based on any of these characteristics. NEXT encourages applicants of all ages.