Z3 TECHNOLOGY, LLC
JOB DESCRIPTION

DATE: August 18, 2021

JOB TITLE: **Quality Engineer**

LOCATION: Greater Chicago area, IL

JOB TYPE: Full-Time

HIRE DATE: Start Immediately

EXPERIENCE: 1 - 3 Years

SUPERVISOR: Director of Engineering

GENERAL JOB DESCRIPTION:
Z3 Technology, LLC, a world leading developer of video compression systems such as video encoders, decoders, specialty cameras and DVRs, is seeking a highly motivated person to join our team in the position of Quality Engineer at the junior, mid or senior level.

The Quality Engineer plays a vital role in ensuring the highest quality, reliability, and usability of all Z3 Technology's products. The Quality Engineer will develop, perform, and document all aspects of product testing including design verification, manufacturing tests, and burn in tests. The Quality Engineer will work with Engineering to reproduce issues reported by customers or other internal areas, work with the factory to develop and maintain the manufacturing test procedures for each product, and work with the operations team to support their testing and documentation requirements.

The Quality Engineer position will be located in the Greater Chicago area. Although Z3 Technology has a generous work-at-home policy, the applicant is expected to be physically present with other members of the team when necessary.

Candidates must be proactive, resourceful and efficient, with a high level of professionalism and confidentiality. Strong computer hardware and software skills are necessary in Windows and Linux environment. Professional written and verbal communication skills, strong decision making ability and attention to detail are crucial to this role. The ability to positively interact with staff of all levels and customers in a fast paced environment is also important. Some interaction with customers is required.

For more information on our video compression products, please visit www.Z3technology.com.

ESSENTIAL DUTIES AND RESPONSIBILITIES:
- Develop, maintain and perform Design Verification testing of products or features under development, firmware releases, bug fixes, etc.
- Develop, maintain and support the functional testing procedures for the manufacturing of Z3 products.
- Develop, maintain and support final system testing prior to shipping to customers.
- Help reproduce, track and possibly fix issues reported by customers or internal personal.
- Develop and maintain documentation such as test plans, test results, issue reporting, user guides, release notes, application notes, etc

Z3 Technology, LLC ● 100 N 8TH ST STE 250 ● Lincoln, NE 68508 USA ● +1.402.323.0702

- Assist in creating, proofreading and editing product documentation, test procedures, user's manuals and product datasheets
- Provide technical support to the Z3 Sales team and to customers as needed
- Special projects as assigned

EMPLOYMENT QUALIFICATIONS:
- Good working knowledge of Windows and Linux environments
- Good understanding of IP networks, especially in regard to video streaming protocols
- Familiarity with software such as VLC, ONVIF device manager, Wireshark, etc
- Mechanically inclined, able to gently handle fragile, small size hardware and prototypes not fully assembled
- Fluent in English with strong written and oral communication skills
- High attention to detail
- Ability to interact positively with staff and customers
- Ability and willingness to occasionally support a variable work schedule
- BS, BA or Associate's Degree is required
- Good working with scripting languages such as Linux shell, Python or Lua

STRONGLY PREFER:
- BSEE, BA or Associate's Degree in Electronics or a technical field of study
- Experience in Engineering, Computer Science, Math or Physics
- Previous experience working with video-related embedded systems (DVR, camera, IP Phone, etc)
- Support experience in an engineering environment
- Technical writing experience
- Hardware assembly experience including soldering and electronic rework

BENEFITS:
- 401(K) and Profit Sharing Plan
- Paid Holidays and Personal Leave
- Company Paid Health and Dental Insurance For Employee

PHYSICAL REQUIREMENTS:
- Finger and wrist dexterity to operate computers
- Ability to sit for extended periods
- Ability to bend and occasionally reach low drawers or files
- Ability to lift at least 10 lbs
- Ability to stay awake and alert for 8 or more hours

Z3 Technology, LLC is a drug free workplace.
This job description is subject to change at any time.