

Highlight what skills are needed:

Position Description: **System Integration Engineer/Optical Engineer**

Job Description: Key contributor to assist in the development of future generations of our optical imaging DNA biochip scanning instruments. Fulfill the role of system integration for our complex optical/mechanical/electrical/software instrument platforms, plan and execute design verification testing cycle, enable the successful transition of new designs into manufacturing, and enable the resolution of problems and re-testing.

Job duties include but are not limited to:

- Integrate and troubleshoot optical, mechanical, and fluidic systems
- Optical system testing and image analysis
- Write and execute design verification and validation test plans for optical DNA scanning instruments
- Analyze data, prepare reports, and present findings for optical DNA scanning instruments
- Verify and validate product design and performance during development cycle
- Work within a cross-functional team of engineers and scientists in development and manufacturing

Education and Experience:

- BS/MS Degree in Instrumentation, Engineering, and/or Optics plus 3+ years of relevant experience. Ideal candidate will have experience in product development, including integration and test, transfer to production and documentation. Optical instrumentation experience preferred. Biomedical instrumentation experience highly preferred.

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