



## **Electrical Engineer II**

**Sensing Strategies, Inc.** is a small company that develops novel instrumentation and software applications for challenging remote sensing problems. Our diverse customer base includes defense, security and industrial sponsors, and we fabricate ground-based, airborne and space-based instrumentation. We seek creative and motivated individuals with backgrounds in engineering and the applied sciences able to contribute to end-to-end development of specialized remote sensing systems and scientific analysis applications.

This position will involve development of novel mixed-signal electronics and high speed embedded processing systems. The employee will make strong contributions to all phases of development, from schematic design and board layout through testing the final products. The employee must demonstrate experience in one or more of the following areas: 1) Design of high bandwidth amplifiers, with an emphasis on applications involving photodiodes; 2) Design of high speed bus architectures associated with processing of focal plane data streams; 3) Hardware signal processing of real time sensor data. The employee will be expected to consider power budgeting and thermal management as part of the design process. Experience with ORCAD and SPICE are required. Experience with MATLAB and C/C++ is desired. A B.S.E.E. or higher and at least 5 years experience in electrical circuit design is required.

SSI is a certified Small Business located in central New Jersey with easy access to major metropolitan areas and airports and is about an hour from the shore. SSI maintains a benefits package comparable to larger companies, but retains the small company approach to giving employees exposure to a variety of projects and topic areas. Applicants selected will be subject to a government security investigation and must meet eligibility requirements for access to classified information. U.S. Citizenship is required. SSI is an equal opportunity employer M/F/H/V. Salary will be commensurate with experience and ability to succeed in multiple technical roles within the company. Submit resumes to [employment@sensingstrategies.com](mailto:employment@sensingstrategies.com) or by mail to:

**Sensing Strategies, Inc.  
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Pennington, NJ 08534  
Attn: Human Resources**

For more information, please visit our web site at [www.sensingstrategies.com](http://www.sensingstrategies.com).