

## **Open Job Announcement**

June 1, 2007

Scientific Systems Company, Inc. (SSCI) is a leading provider of Research & Development / Systems Integration services and software solutions to the Aerospace and Defense industries. Founded in 1976 and headquartered in the metro-Boston area, SSCI is among the Top 20 companies in highly competitive Small Business Innovation Research (SBIR) program and is currently growing its revenues at an annualized rate of 30-40%. The company has long standing relationships with all major branches of the U.S Department of Defense, NASA, and many of the leading prime contractors, including Boeing, Northrop Grumman, and Lockheed Martin.

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<b>Job Title:</b>	Principal Engineer – Intelligent and Unmanned Systems (job code <b>SSCI-0751</b> )
<b>Location:</b>	Full-time opportunities are currently available for <u>Woburn, MA</u> .
<b>Duties:</b>	Provide Technical Leadership for advanced systems development, implementation, integration and testing of intelligent systems, mission planning, onboard autonomy, distributed sensor fusion, and state-of-the-art guidance, navigation and controls systems. The successful applicants will be expected to provide engineering leadership as well as contribute to analysis, design (algorithms) and prototype systems engineering, integration and test of advanced Intelligent or Unmanned Systems.
<b>Required Experience:</b>	<p><b>MS</b> w 7~10 years, or <b>PhD</b> w/ 3~5 years experience in Aerospace, Electrical, Computer, Systems or Mechanical Engineering.</p> <p>3~5 years progressive leadership roles and demonstrated experience in prototype development and testing of automated or intelligent systems for aerospace, terrestrial or undersea applications.</p> <p>Experience with systems analysis/design software -- MATLAB, Simulink/Stateflow, Real-time Workshop or equivalent (dSPACE, MATRIXx).</p> <p>Experience in real-time systems prototyping (C, C++ embedded computing systems). Strong software engineering skills. Experience with CASE tools.</p> <p>Excellent written and oral communication skills.</p>
<b>Desirable Experience:</b>	Expertise in engineering management, systems and software engineering processes (planning, requirements analysis, design, development tools, configuration management, test and QA methods). Knowledge of CMMI/ISO/IEEE standards.
<b>Compensation:</b>	Salary is competitive with market rates, with significant incentives for new business development. In addition, SSCI offers a generous benefits package, which includes an Employee Stock Ownership Plan (ESOP), Bonus plan, Profit Sharing, 401K, and Health / Life / Disability Insurance.
<b>Notes:</b>	US Citizenship and Eligibility for Security Clearance are required for this position.

Please email your applications to: [SSCI-0751@ssci.com](mailto:SSCI-0751@ssci.com)

Include the Job Code (use Subject Line) and at least three (3) references with your correspondence for prompt consideration.