

Post-Doctoral Position Announcement

(Pending HRM Approval)

The Department of Computer Science at Louisiana State University (<http://www.csc.lsu.edu/>) seeks a candidate for Post-Doctoral research position. Through a targeted investment by the State, the university has chosen to establish a Center for Secure CyberSpace jointly with LaTech.

The department provides excellent research opportunities for incoming faculty with the potential to join several existing funded interdisciplinary research programs along with major efforts such as the Louisiana Optical Network Initiative (LONI, <http://www.loni.org>). LONI, funded by a \$40 M commitment from the state provides a 40 Gbps connection between new largescale computing resources deployed at Louisiana Research Institutes. The infrastructure includes a statewide supercomputing grid of five 112-processor IBM p5-575 supercomputers, six 528-processor Dell PowerEdge servers and a 5,760 processor central server. These resources are connected by a 40 Gbps multi-lambda fiber-optic network which, in turn, is tied to the National Lambda Rail. LSU also has established the Center for Computation & Technology (www.cct.lsu.edu) to support high-performance computing research. The department has active research in the areas of cyber security and network security.

Ideal Candidates should have expertise in one or more of the fields specified below:

- Internet and network security, security in sensor networks
- Cryptographic methods, threats and vulnerabilities in cyberspace (e.g., phishing, spoofing, identity thefts etc).
- High Performance Computing that leverages any of these research areas

Required Qualifications:

Ph.D in Computer Science, Electrical Engineering, Mathematics or a closely related field. Immediate needs are in the areas of sensor networks, Cyberspace security and visualization with high interest in anomaly detection, network traffic analysis, biometric authentication, Internet traceback and visualization to include a graphical representation of malicious activity. [Relevant industrial experience, and/or entrepreneurial experience are advantages.]

An offer of employment is contingent on a satisfactory pre-employment background check. Salary and rank will be commensurate with qualifications and experience. Louisiana State University is an Equal Opportunity / Affirmative Action Employer and encourages women and minorities to apply. Applications will be reviewed on continual basis until all positions are filled.

For Consideration, please submit in electronic form your curriculum vitae, statement of research and teaching interests, and the names and contact information for at least three references to:

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