



# STAFF VACANCY

---

**POSITION:** **Software Architect/Developer** EEO#: RD 13-14 to RD 19-14  
Informatics Research Institute (IRI)  
University of Louisiana at Lafayette (UL Lafayette)

**RESPONSIBILITIES:** Participate in software development in enterprise computing and geospatial analysis and visualization domains. Analyze user specifications and requirements. Code, test, debug, deploy, train, and document programs on large-scale, complex projects for applications to industry. Revise and update software and documentation as required. Actively seek new tools and technologies and implement them in the software development lifecycle. Be part of a team that performs client needs assessments, develops statements of work for projects, and determines the architectural blueprint necessary for software development. Positions are available for Lafayette or Baton Rouge office.

The candidate will ensure that all software development is consistent with the Center's commitment to standards and high quality of service to clients. The candidate will participate in a synergistic fusion of technology development and economic development by architecting commercially viable software tools for applications in the public and the private sector.

**QUALIFICATIONS:** Bachelor's degree (master's preferred) in Computer Science or Computer Information Systems (CIS) or a closely related field, with a demonstrated track record in software development including the design, development, verification, integration and deployment of software systems. The candidate must have strong hands-on experience in such areas as operating systems (LINUX, Windows), programming (Java, C++, .NET, C#, OpenGL, XML, HTML), GIS systems and applications (ESRI and other open source geo-spatial applications), database design and analysis and software engineering. Experience in Microsoft Dynamics, SharePoint, SQL, Visual Studio and other similar products a plus but not required. Five (5) years of work experience in developing software systems in real world settings may substitute for the required bachelor's degree; and, seven (7) years of work experience will be considered equivalent to a Master's degree.

**ENVIRONMENT:** The Informatics Research Institute (IRI) conducts integrative research and offers training solutions in the transformation of information for solving problems that impact our society. IRI leverages the expertise in its three constituent centers: Center for Business & Information Technologies (CBIT), National Incident Management Systems and Advanced Technologies (NIMSAT) Institute, and the National Science Foundation Center for Visual and Decision Informatics (CVDI). CBIT focuses its activities on fostering technology-driven innovations in a wide range of application domains and is a recognized leader in technology-based economic development in the state of Louisiana. The NIMSAT Institute is a homeland security and emergency management institute with a focus on the development of public-private partnerships and the application of advanced information technologies. CVDI is an NSF Industry/University Cooperative Research Center (I/UCRC), the only of its kind in the U.S. addressing Big Data issues, and the first ever such center in the State of Louisiana.

**SALARY:** Commensurate with qualifications and experience.

**APPLICATIONS:** The search committee will review applications starting immediately and continue until the position is filled. Candidates should send a letter of intent; curriculum vitae; and name, address and telephone number of at least four references. Additional materials, of the candidate's choice, may also be sent. Applications should be sent to:

**Software Architect/Developer Position**  
**Informatics Research Institute (IRI)**  
635 Cajundome Boulevard  
Lafayette, Louisiana 70506