Employment Opportunity

POSTING NUMBER: 11037P

SYSTEM ANALYST/PROGRAMMER
Indiana Geological & Water Survey (PAE 3IT)
Salary range $55,000-$65,000

The Indiana Geological and Water Survey, a research institute of Indiana University, seeks applications for a System Analyst/Programmer to provide technical expertise in the developing and programming customized websites and designing web pages, including new online services and custom applications to support research activities.

Position summary:
Write custom applications that support enterprise databases, geographic information systems, web-based applications, and geospatial data services. Work with staff, business partners, and granting agencies to determine their programming needs, and develop custom applications and design integrated solutions that adhere to accepted, proven development architectures and standards, using the IGWS Content Management System where appropriate. Work in a team environment with staff that has primary responsibilities for network administration, database systems, geographic information systems, and website management. Position is critical in managing, supporting, and maintaining all of the Institute’s websites and their security.

Minimum Education and Experience:
Bachelor's degree in informatics, computer science, or related field required; Master’s degree preferred. Combination of relevant education and experience will be considered. At least three years of overall web development experience; two years of experience with backend languages/frameworks (e.g. ColdFusion, ASP.NET, PHP, or Node) and databases, such as MSSQL. Experience with the following systems/tools is required: HTML, CSS, and JavaScript, as well as working knowledge of jQuery and a JavaScript framework such as Angular, Vue, or React.

Required knowledge, skills, and abilities:
- 2 years of experience with backend frameworks such as ColdFusion, ASP.NET, PHP, or Node.
- 3 years of experience with HTML, CSS, and JavaScript, as well as working knowledge of jQuery and a JavaScript framework such as Angular, Vue, or React.
- 2 years of experience with databases such as MSSQL.
- Ability to lead all aspects of the software development cycle.
  Preferred
  - Experience with IIS and managing Windows web servers, Geographic Information Systems, collaborative GitHub environments, DevOps tools such as Docker or Jenkins.
  - Ability to lead and mentor junior developers.

For best consideration, please apply by April 4th, 2019. This posting will be open until filled with an anticipated start date of April 15, 2019 or shortly thereafter. A complete application includes a cover letter addressed to the Director, resume, and contacts for three references with your online application. For further information on the Indiana Geological & Water Survey, please see https://igws.indiana.edu/ or email Gary Motz garymotz@iu.edu. All application materials should be submitted online at http://jobs.iu.edu using posting number11037P.

Indiana University is an equal employment and Affirmative Action Employer and a provider of ADA services. All qualified applicants will receive consideration for employment without regard to age, ethnicity, color, race, religion, sex, sexual orientation or identity, marital status, national origin, disability status or protected veteran status. Indiana University does not discriminate on the basis of sex in its educational programs and activities, including employment and admission, as required by Title IX. Questions or complaints regarding Title IX may be referred to the U.S. Department of Education Office for Civil Rights or the university Title IX Coordinator. See Indiana University's Notice of Non-Discrimination here which includes contact information.