Research Associates – Design and implement stable, optimized database architecture in support of a high-demand web site. Design web base architecture for a multiple service sites to ensure quick response and efficiency for front end web programming. Design, compile and maintain advanced data warehouses using latest DB design features. Update software programs as needed to assure optimal functionality of the database and front end UI and assisting database team. Perform data research, providing research testing, constructing and editing databases and presenting the data analysis. Build and maintain high volume databases in a Microsoft SQL Server 2008/2012 environment. Create tables, indexes, views, triggers, and stored procedures with emphasis on efficiency. Develop logical and physical database design and implementation in a data warehouse environment. Design, develop and optimize ETL packages using Microsoft SSIS and ETL tools. Load data from diverse data sources, data cleansing and populating SQL databases using Microsoft SSIS packages. Develop and implement test validations of the databases and applications. Analyze test results and recommend modifications to meet project specifications. Document modifications and enhancements made to the databases and applications as required by the project.

Requirements: Master’s Degree or foreign degree equivalent in Computer Science, Computer Information Systems, Information Technology, Engineering Science or Engineering and one year’s experience in position or one year’s experience in IT field (or Bachelor’s Degree and five years’ experience).

Special requirements: Experience with designing advanced data warehouses, ETL tools, SSIS and SQL Server. Pre-employment background check and verification of eligibility to work in US required. EOE/AA

Send letter of application, resume and contact information (name/ address/ phone#/ e-mail) for three current professional references by 11/23/2017 (including Ref#10030) to:

Ms. Mary Strub
Northern Illinois University
138 N. 3rd Street
DeKalb, IL 60115