

University of Connecticut

School of Nursing

Database Programmer/Analyst (UCP 6)

Farmington and Hartford

The UConn School of Nursing is seeking a Database Programmer/Analyst to support the Biomedical Informatics and Health Information Technology grant initiative. The Database Programmer/Analyst position involves extensive development of reporting and analysis solutions on SQL Server databases. Job duties include but are not limited to the creation of relational databases; the importation of data, often from heterogeneous sources, into these databases; and the construction of complicated queries/stored procedures to generate reports. In addition, work will occasionally involve the creation of user interfaces (Applications) for reporting and data entry; and eventually the processing of data sent from Electronic Health Record (EHR) systems using Health Level 7 (HL7) messaging. Other duties include serving as a resource to students, staff and others on matters relating to program activities, policies and procedures; participating in planning and implementing program activities and other projects related to the program objectives.

Minimum Qualifications

1. Six (6) years of experience in programming, system analysis and design or system engineering. An Associate Degree in Computer Programming may be substituted for two (2) years of experience; a Bachelor's Degree in Computer Programming may be substituted for four (4) years of experience.
2. Experience with application development, operating systems and network design/configuration and management including distributed and centralized desktop systems processing models or database management.
3. Extensive knowledge of software packages and capabilities, programming languages and job control and processing techniques.
4. Experience in using Microsoft SQL Server tools. This includes the creation of databases and database objects such as indexes, stored procedures, user defined functions, triggers, user defined data types and CLR functions.
5. Experience using Microsoft SQL Server Reporting Services (SSRS) to construct tabular and graphical reports using SQL Server stored procedures.
6. Experience with programming using Microsoft .NET platform.
7. Ability to work with various operating systems, data storage and retrieval mechanism and database environments.
8. Substantial knowledge and/or experience in subject area or programs specific to department to be served.
9. Ability to exercise independent judgment and initiative with regard to both technical and subject area functions.

Preferred Qualifications

1. A Bachelor's Degree in Computer Programming.
2. Experience in developing database queries using Microsoft Transact-SQL.
3. Experience setting up SQL Server accounts and assigning the appropriate permissions to each account.
4. Experience using Microsoft SQL Server Integration Services (SSIS) to construct Extract, Transform and Load (ETL) jobs.
5. Experience with Java programming.
6. Understanding of Health Level 7 (HL7) messaging.
7. Understanding of the federal Electronic Health Record (EHR) Incentive Program.
8. Experience creating master databases containing data amalgamated from multiple sources (i.e. master patient or physician databases).
9. Understanding of object oriented design.
10. Healthcare I.T. experience.

Appointment Terms

This is a full-time, grant-funded position, subject to annual renewal depending upon available funding and job performance. Salary will be commensurate with training and experience. This position reports to the Director of Health Information Technology. This position is currently based in Farmington, but will be relocated to Hartford in 2016.

To Apply

Please apply online and submit a cover letter and resume describing how you meet the stated minimum and preferred qualifications, and names and contact information for three (3) professional references. Employment of the successful candidate is contingent upon the successful completion of a pre-employment criminal background check. For more information regarding the School of Nursing, please visit the school's website at <http://nursing.uconn.edu> and to learn more about the CT HIT initiatives, please visit <http://www.ct.gov/cthealthit>. (Search # 2016308)

This job posting is scheduled to be removed at 11:59 p.m. Eastern time on January 3, 2016.

All employees are subject to adherence to the State Code of Ethics which may be found at <http://www.ct.gov/ethics/site/default.asp>.

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity, and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.