Programmer Analyst at the Johns Hopkins Bloomberg School of Public Health Center for Population Health IT (CPHIT)

**Entry Level Open Position (BA + one year experience or MS/MA)**

Excellent Opportunity to work at one of the world's leading informatics/big data R&D centers in the field of population health / public health. Work with globally recognized team of faculty and staff to help support academic research and development of state-of-the-art analytic tools to be applied in the US and across the globe. Great opportunity to learn and advance your skills in a supportive, interdisciplinary center of excellence.

Classified title: Programmer Analyst
Role/Level/Range: ATP 03 PC
Starting Salary Range: $49,216 - $67,734 Plus great JHU benefits including tuition remission for self and family
Full Time - Location: East Baltimore Campus – Bloomberg School of Public Health

**To apply - JHU HR URL of Posting at:**
https://jobs.jhu.edu/job/Baltimore-Programmer-Analyst-MD-21205/434220700/

**General summary/purpose:**
The Johns Hopkins Center for Population Health IT (CPHIT) and the Johns Hopkins ACG® research and development team, is seeking a motivated, independent individual with experience in database management and data analysis to join our team as a Database Programmer Analyst.

**Specific duties & responsibilities:**
The analyst will provide support to the team through database development, administration and analytics. This may include developing analytic data sets for specific research projects, and overseeing database development including infrastructure and architectural components. The programmer analyst will assist in maintaining current database environments including multiple SQL databases (MS-SQL and MySQL).

Analyst will work closely with both CPHIT and ACG teams and their work related to the application of health IT and electronic data sources to population health. CPHIT collaborates
closely with other departments at the Schools of Public Health, Medicine and Nursing on the Medical campus, as well as the Department of Computer Science on JHUs Arts & Science/Engineering campus. CPHIT also collaborates closely with the Johns Hopkins Health Systems and several leading integrated delivery systems and government health agencies. See: http://www.jhsph.edu/cphit

Analyst will:
- Provide database support in SQL or other relational databases
- Assist in programming and developing analytic datasets with researchers
- Develop reports and conduct data analysis with researchers
- Assist in managing data security and privacy protocols
- Other IT duties as assigned

**Minimum qualifications (mandatory):**
Bachelor’s degree, preferably in math, engineering, statistics, computer science or other relevant. One year related experience. Significant undergraduate programming coursework or independent project can be considered as related experience. Additional related experience such as outlined below may substitute for required education, to the extent permitted by the JHU equivalency formula.
- Knowledge of SQL or other relational databases (MS-SQL and/or MySQL)
- Experience performing complex ETL (extract, transform, load) processes
- Experience with database-level analysis and advanced report creation

**Preferred Qualifications:**
- Basic knowledge of spatial analysis and experience with GIS databases
- Experience programming in a higher level language (e.g., Python, Perl, Java, PHP, C++)
- Experience with data cleaning and manipulation in a statistical package (e.g., R, SAS, STATA)
- Experience with Electronic Health Records (EHRs) and/or insurance claims databases

**JHU Equivalency Formula:**
18 graduate degree credits may substitute for one year of experience. For jobs where equivalency is permitted, up to two years of non-related college course work may be applied towards the total minimum education/experience required for the respective job.

If interested please apply to JHU HR site at URL below:
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Questions - Please contact Elyse Lasser CPHIT Coordinator at: elasser1@jhu.edu

*(Position Posted 10/5/17)*