

One position available for summer 2018 (20 hours)

One student position (waged) will be available for summer 2018 (20 hours/week). The successful applicants will work both on campus and off campus at the client's site in Washington, DC (beginning May 21st, 2018). Partial financial support will be provided for the local travel from GMU to DC.

The client is developing a data management with multiple intelligent engines which are intended to automate data organization, streaming, validation, upload, and update; facilitate collaboration and information sharing across the agency; improve data integrity by reducing errors in data processing; facilitate succession planning; and provide numerous other efficiencies that are increasingly critical in a resource-strained environment.

The tasks will include programming business rules (within the math engine) and procedures used by the system; creating customized applications (web and desktop tools) as necessary for accessing data and creating data science reports; dashboards, pivot tables, and web reports.

Required technical skills are experiences with data science, relational database management systems, Structured Query Language (SQL), stored procedures (T-SQL), C#, ASP.net, and overall data management skills (including data cleaning, data aggregation, and building data reports). Good communication skills and a positive attitude is also required.

Depending on performance, this position has potential to be extended for Fall 2018, and beyond. Additionally, this position offers an opportunity to publish a journal or a conference paper at a top-tier data science venue.

If interested or for any inquiries, please email your resume (that includes a phone number) to Dr. Feras Batarseh at fbatarse@gmu.edu