APPENDIX X – 12

X.A.5.a.i Job Description and Responsibilities

X. Transparency and Accountability
(New 2016-17 SY)

Scott MacDonald, Data Extraction Specialist

Previous Job Title:	N/A
Other considered for position:	Hired through Adecco. TUSD approved vendor for Temporary Staffing Services; Contract: 14-18-18
Credentials:	See attached resume
Responsibilities:	- Supports the organizational business functions under the direction of management. - This position will write and test data queries to assist in loading a data warehouse with legacy data. - Load data from SQL Databases, DASD files, Excel documents and other appropriate data sources. - Interacts with management and users to assess best approach to move critical data (ERP and Student Systems) into data warehouse.

X - 12, p. 1

Adecco Engineering & Technology
better work, better life
1201 South Alma School Road, Suite 10650
Mesa, Arizona 85210
Contact: Fari Sawal   O: 480.636.4016

Scott M. Macdonald

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SKILLS
SQL Server/MySQL | SQL/TSQL/PSQL | Jasper Report/Crystal Reports/SSRS/SSIS/DTS | Visual Studio/VB.Net/C#

PROFESSIONAL EXPERIENCE
DATABASE DEVELOPER – Staff Matters / SCI, 12/14–current | Tucson, AZ
- Managed iMIS Membership Software for a staff of 50 with an active membership of 45,000 plus. ETL processes used to
- Efficiently import data to the SQL Server Database.
- Implemented iMIS Dashboards to replace commonly used custom reports.
- Created/Maintained Crystal Reports files. Created one time reports as requested.

DATABASE DEVELOPER – TEKSystems / Pima County, 06/14–12/14 | Tucson, AZ
- Analyzed/migrated a group of MS Access / Excel reports to SQL Server/Crystal Reports.
- Created/Maintained Crystal Reports files. Created one time reports as requested.

DATABASE DEVELOPER - Hughes Federal Credit Union, 05/13–06/14 | Tucson, AZ
- Converted old DTS routines to SSIS. Created new ETL/SSIS routines, automating former manually intensive processes.
- Created new SQL Views to unify report data. Optimized current SQL Queries reducing server resource utilization.

SENIOR DATA DEVELOPER - First Advantage Corporation (remote employment), 08/08–10/12 | St. Petersburg, FL
- Converted processes/reports from regular SQL/custom environment to Jasper Report (using iReport freeware).
- Main resource for maintaining/developing custom/core reports for more than 200 FAC clients using Jasper Report).

DATA PROGRAMMER - Robert Half Technology / IDEXX, 10/08–12/08 | Westbrook, ME
- Executed various ETL projects in C#, VB.Net, Oracle, MS SQL Server and Java/Groovy.
- Created and implemented new data ETL processes to expand client reporting capabilities.

DATA PROGRAMMER - Robert Half Technology / Hannaford Brothers Co., 08/08–10/08 | Scarborough, ME
- Created data processes using ETL/PERL/SQL Server improving client customer security. Project completed in one-half of specified time.
- Created and implemented new data processes, expanding client's reporting capabilities.

SENIOR SERVICES PROGRAMMER - First Advantage – HMS, 10/02–08/08 | Portland, ME
- Specified and created a data conversion program to facilitate moving client data from Version 1 of Hiring Management System to Version 2. Resulting program successfully converted hundreds of databases. Written in VB.Net using XML to store/retrieve conversion preferences.
- Specified and created a "data pump, integrating HMS system data with Infor's Infinium HR product data. Created one plugin which serviced many disparate customer needs using preference entries, allowing the customer to dictate how/where data is to be imported/exported. Design included settings, allowing one plugin to work with a variable DB2 data structure without having to recompile the plugin for each customer. Project developed in VB.Net, SQL Server (via SOAP), DB2 (via ODBC), and using XML to store preferences.
- Extensive consultation with customers to scope specification details resolving customer problems.

X - 12, p. 2

- Designed/developed custom DLL plugins extending the architecture of our HMS Product for manipulating import/export of customer data. Included table entries that allow multiple fields to be filled with one customer entry, saving customer's valuable time. Plugins developed in VB.Net using ETL to move customer data (MS Access/XML/Excel/CSV|Text files) to SQL Server databases.

EDUCATION

BS in Computer Information Systems, Purdue University Calumet
Emphasis in diverse programming, positive program planning, debugging skills using IBM Assembler, ANSI C, COBOL and CICS | Dean's List multiple terms.

BS in Financial Planning, Purdue University
Emphasis in investments, computers, mathematics and finance.

CODE: ????
UNIT: SPE
GRADE : TBD
FLSA: Non-Exempt

<u>CLASSIFICATION</u>
DATA EXTRACTION SPECIALIST

<u>SUMMARY</u>
The Data Extraction Specialist supports the organizational business functions under the direction of management. This position will write and test data queries to assist in loading a data warehouse with legacy data. Data will be loaded from other SQL Databases, DASD Files, Excel documents and other appropriate data sources.

<u>MINIMUM REQUIREMENTS</u>

All Candidates:

Must have in-depth experience writing and testing Microsoft SQL data queries.

<u>PREFERRED QUALIFICATIONS</u>

Any data integration experience a plus.
Experience use SSIS (Microsoft SQL Server Integration Services or comparable) a plus.
Experience importing, exporting and transferring data between database a plus.
Experience using BCP, OpenDataSource and server to server data transfer a plus.
Experience in ETL (Extract, Transform and Load) techniques a plus.
Experience using SQL Import/Export (Or DTS) a plus.
Experience using the REST API a plus.

<u>ADDITIONAL REQUIREMENTS AFTER HIRE</u>
FBI fingerprint background check (at employee's expense).

Proof of immunity to rubeola (measles) and rubella (German measles), or proof of MMR immunization.

<u>ESSENTIAL FUNCTIONS</u>
THE LIST OF ESSENTIAL FUNCTIONS IS NOT EXHAUSTIVE AND MAY BE SUPPLEMENTED.

Responsibilities will include writing queries to import and export data to/and from databases.

Interacts with management and users to assess best approach to move critical data (i.e. ERP and Student Systems) into data warehouse.

Will recommend how to combine data from multiple repositories to provide users a unified view of the data.

Understands and employs methodologies to clean data.

Other duties as required.

<u>MENTAL TASKS</u>
Communicates. Performs functions from oral, written and graphic instructions or from observation of others. Evaluates written materials.

X - 12, p. 4

PHYSICAL TASKS
Work involves the performance of duties where physical exertion is not normally required to perform all aspects of the job. Assistance is available as required to perform physically demanding tasks. Work involves sitting for extended periods of time, requires moving from one location to another, reaching, stooping, bending, and holding and grasping objects. Visual weakness must not prohibit the performance of assigned duties. Verbal communicative ability may be required of public contact positions.

EQUIPMENT, AIDS, TOOLS, MATERIALS
Uses computers, computer peripherals, and office equipment such as telephone, fax, printer, and copier.

WORKING CONDITIONS
Indoors, days, some evenings. Exposure to noise. Office environment. Frequent contact with teachers, site and central administrators, as well as government officials.

CONTROL, SUPERVISION
None