Knowledge Computing Corporation (KCC), part of the global i2 group develops the technology for COPLINK®, an industry leading law enforcement information system. We're hiring staff to analyze, connect, and deploy information sharing systems for law enforcement agencies. We use in-house and industry-standard tools and technologies to perform duties related to data analysis, conversion, consolidation and synchronization.

When you work for us you help fight crime. When an agency is connected to COPLINK® law enforcement officers are given a powerful tool that helps them solve crime faster and to make our communities safer.

**Main function of the job**

Knowledge Engineers (Deployment) design/deploy and test regional information sharing systems for law enforcement agencies using our software. Utilizing in-house/industry-standard tools and technologies to perform duties related to data analysis, conversion, consolidation and synchronization.

**Main duties and responsibilities**

- Analyze/reverse-engineer database structures/schemas primarily using Microsoft SQL Management Studio and Oracle SQL Developer
- Document database structures, schemas
- Map between pairs of schemas
- Transform data as it is moves from one database to another
- Verify quality of converted data using automated test suites and ad hoc testing
- Conduct validation sessions with client agencies
- Establish ongoing synchronization between source database and production COPLINK database

**Knowledge/Skills required to perform the job**

- BS in Computer Science, Engineering or equivalent education/experience.
- RDBMS experience with SQL Server, Oracle, and/or DB2, Informix or Pervasive.
- XML technologies including XSLT and XPath
- Basic understanding of Java is a plus.
- Exposure to data modeling notations such as ERD, Instance Diagramming, and/or UML.
- Excellent documentation skill is a must.
- Experience in data analysis and ability to reverse engineer a database schema highly desired.
- Relational data mapping/transformation experience is desired – including troubleshooting and debugging of data transformation maps.
- Must be self-motivated, detail-oriented while multi-tasking and a team player.