**Job Title:** Systems Analyst (Research Assistantship)

**Category:** Computer Science, Information Technology, Computer Engineering, Data Management

**Job Location:** In Ames

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**Job Description:**

This position is responsible for coordinating databases and data sets in the limnology laboratory, overseeing the operation of a lab data server, and creating web-based interfaces for querying the databases. The incumbent will be responsible for creating and maintaining databases tailored to laboratory needs, and creating and maintaining websites that allow users to retrieve limnological data based on user-defined criteria. The incumbent will make sure that these websites are operating and up-to-date. The incumbent will interact with scientists and technicians to create interfaces that assure accurate data entry and flexible data retrieval. The incumbent will be responsible for developing and overseeing a system that insures the integrity and security of the data. The job will be treated as a Research Assistantship during semesters.

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**Job Skills / Requirements:**

**Education Requirement:**
Undergraduate or graduate students in computer science, computer engineering, or related field.

**Required Qualifications:**
This post requires course work or extensive experience in computer sciences. Demonstrated experience with the creation and management of databases and websites is also necessary. The applicant must have experience with SQL Server (2000/2005), ASP.net. Also required are good communication skills.

Applicant must provide specific work examples to demonstrate each of the competencies listed below. The examples should include a thorough explanation of the project goal, the process utilized, and the result of the process.

1. Basic Windows Server administration skills;
2. ASP.NET 2.0/3.5 development experience with Microsoft Visual Studio;
3. Understanding of web standards and web design principles;
4. Strong experience with VB.NET and C#;
5. Experience with Microsoft SQL Server 2000 or 2005 database and have the ability to write complicated business queries;
6. Experience with extract, transform, and load (ETL) functions using Microsoft SQL Server Integration Service (SSIS) to transfer data from various sources;
7. Microsoft Access and Excel skills with VBA experience;
8. Collaboration with team members with different levels of computer literacy.

**Preferred:**

Familiarity with the biological sciences to foster easy communication regarding the limnology laboratory’s particular needs; Experience with developing websites to meet the needs of government or aquatic scientists.

Send resume via mail or email.

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**Hourly Pay Rate:** $

**Schedule Type:** Ongoing, Part time, Flexible Hours

**Schedule or # of Hrs/Wk:** 20 hrs during semester & 20+ hrs during breaks

**Application Method:** See Job Skills/Requirements

**Job Begin Date:** As soon as possible

**Job End Date:**