

Undergraduate Hourly Research Assistant Position – Data Dashboard Project

Start Date: January 1, 2012

End Date: August 31, 2012

Application Deadline: December 18, 2011

Basic Function:

The primary responsibility of the Data Dashboard Project Research Assistant is to assist in the development, maintenance, and data analysis of a web-based data system. The Research Assistant will work closely with the Washington Office of the Superintendent of Public Instruction (OSPI) Special Education Department leadership, the UWT Institute of Technology faculty and other research assistants, and UWT Education Program faculty and staff to build a web-based data system. Under supervision of the Project Coordinator, the Research Assistant will develop a web-based data system to evaluate OSPI funded state needs projects. The title of this project is the UWT/OSPI Data Dashboard Project, a multi-year OSPI-funded grant project to evaluate the quality of state needs projects across the state of Washington. This project is interdisciplinary and highly collaborative involving OSPI leadership, UWT Institute of Technology, UWT Office of Continuing Studies, UWT Education Program, and Washington School Districts and K-12 schools.

General Information:

This particular Research Assistant's role is that of the Tester / Coder. The Tester / Coder Research Assistant will be responsible for ensuring all new features of the OSPI Special Needs Project site operate smoothly. The Research Assistant will write code to test the site and also participate in the building of new website features.

Characteristic Duties and Responsibilities:

The Research Assistant will work an average of 10 hours per week on duties connected to the Data Dashboard. This student must be an undergraduate.

General Qualifications:

In general preference will be given to applicants in each category who exhibit the following qualifications, as evidenced in their letter of application, and prior work experiences.

Education: Currently pursuing a Bachelor's Degree in Technology or a related field.

Preferred attributes to be assessed during the application/interview process include experience with:

1. Database Technologies (e.g., Microsoft SQL Server or Open Source Postgres/MySQL server)
2. Webpage programming Languages (e.g., a combination of HTML, PhP, Ruby, Drupal, and/or JavaScript)

3. Hosting platforms (e.g., Apache or Tomcat web server and communicating with school personnel)
4. Research design and educational measurement.
5. Strong organizational skills
6. Experience with Microsoft Excel, Microsoft Word, and the Statistics or Data Mining software programs
7. Excellent communication and collaboration skills
8. Ability to work independently
9. Expertise collaborating with public school and University staff

How to Apply:

Please email letter of interest and CV to:

Nicole Ralston
nralston@u.washington.edu
(253) 692-4863