

UMass Summer Computer Technology Internship Program for Summer of 2008

SPIRE Interaction Design Intern

A. General Summary of Position

The Interaction Design intern will be responsible for standardizing the look-and-feel of the student, instructor, and staff profiles in SPIRE. Specific responsibilities include identifying areas that need to be standardized, working with the delivered style sheets, creating an image inventory, and testing any proposed changes.

SPIRE is the Student Information System at UMass Amherst; students, instructors, and University staff use SPIRE to manage academic records, billing and financial aid information, housing assignments, as well as course and schedule information. The SPIRE database uses an Oracle/PeopleSoft back-end.

B. Examples of Duties

1. Work with OIT staff to identify areas that need to be standardized.
2. Create an icon and button. Create a font style directory.
3. Using the delivered product, research and propose a usable, accessible color scheme for the three self-service profiles.
4. Work with OIT developers to modify the vendor-delivered style sheets. Update these style sheets to enhance visual consistency of the database front-end.
5. Test modifications to ensure they do not affect other database components.
6. Assist with the development of a style guide for our self-service front-end. Make recommendations as appropriate.

C. Qualifications

1. Demonstrated experience programming for the Web, including familiarity with Cascading Style Sheets (CSS), XHTML, JavaScript or other Web programming languages
2. Knowledge of graphic design principles. Interaction design experience desirable, but not required.
3. Knowledge of Web usability, including accessibility issues.
4. Experience working with Oracle/PeopleSoft Campus Solutions products desirable, but not necessary.
5. Experience maintaining, and troubleshooting software.
6. Willing to take on challenges and tasks as they arise.
7. Ability to work effectively in a highly organized manner, paying close attention to detail is essential.
8. Excellent communication skills, both written and oral.
9. Good academic standing.

The University of Massachusetts Amherst is an Affirmative Action Equal Opportunity Employer. Students from traditionally under-represented groups are especially encouraged to apply. The selection process will not discriminate against any student on the basis of color, ethnicity, gender, sexual preference, religion or disability.

Last Revised: December 20, 2007