



## **Systems Developer / Engineer Non-SAP**

Working Title: **User Interface Developer**

### **Summary for Posting:**

University Libraries is seeking a User Interface Developer for the Applications Development & Support (AD&S) team in the Information Technology Division of the University Libraries. AD&S provides three service offerings to the Libraries: collaboration and communication tools which includes the Libraries' content management system and Intranet, custom application development, and Integrated Library System support (i.e. catalog systems).

As a member of the AD&S team, the successful candidate will be responsible for evaluating and improving the online user experience: ensuring that products and services provide a positive experience for partners, patrons, and Library staff and faculty. With this goal in mind, the candidate will design, refine, and implement web pages, CMS themes, application and system user interfaces, and digital exhibits that are in accord with industry best practices, the Libraries' and Ohio State's branding standards, and web accessibility guidelines. This position provides a great opportunity to design creative and usable solutions, making a significant impact on how patrons and staff experience services at the University Libraries.

Percentage breakdown of duties: 50% User Interface Design; 25% Content Management System Support; 15% Application Development & Support; 10% Outreach and Service

### **Detailed Job Description:**

#### **Supervision and Essential Duties:**

- May supervise student employees

#### **Duties Description:**

##### **50% User Interface Design**

- In close collaboration with Libraries' Communications and Marketing, designs, refines, and implements web pages, CMS themes, application and system user interfaces, and digital exhibits that are in compliance with University Libraries' and Ohio State branding standards and industry best practices;
- Creates concept sketches, flow diagrams, wireframes, paper prototypes, mockups, HTML prototypes, and web-friendly graphics;
- Develops responsive and mobile-friendly interfaces to library resources
- Performs appropriate cross-browser/cross-platform testing and ensures compatibility and desired behavior;
- Assists the Libraries' Usability Specialist with user research and usability/findability studies on web- and systems-related projects;
- Regularly reviews web analytics to identify opportunities for website improvements, distills analytics into understandable reports for content owners, and consults with content owners in the interpretation of results;
- Ensures the Libraries' web sites and systems are accessible and ADA compliant in collaboration with Ohio State's Web Accessibility Center;

##### **25% Content Management System (CMS) Support**

- Maintains and supports the CMS backend of the Libraries' public and private websites;
- Assists in the training of staff and faculty on using the CMS and provides technical support;
- Consults with CMS users on best practices and standards established by the Libraries' Web Governance Committee;
- Researches and recommends communication and collaboration tools;
- Researches, recommends, and develops modules and plugins for the CMS;

For questions please contact Greg Newman at 614-247-8887



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- Translates graphic designs into CMS themes and operational code

### **15% Application Development & Support**

- Maintains legacy applications written in PHP;
- Participates in development projects as a member of a team of developers;
- Ensures that applications/systems meet industry and Ohio State security standards;
- Responds to evening, weekend and holiday service calls as part of a rotating on-call schedule

### **10% Outreach and Service**

- Demonstrates a strong service orientation, customer focus and value of user-driven development;
- Serves on Libraries' advising and planning committees and task forces;
- Identifies points of collaboration with other technical teams on campus, including the OSU Mobile development team and Web Interest Group;
- Expands skills and personal network by participating in campus IT-related initiatives, committees, and working groups, making presentations, and attending selected conferences, and training workshops

### **Education and Experience:**

#### **Required**

- Bachelor's degree or equivalent combination of education and experience
- Experience designing web application user interfaces and websites
- Experience programming in PHP and in supporting a PHP-based content management system
- Experience in HTML, XHTML, JavaScript-based frameworks, CSS and responsive design
- Experience with graphics software, such as InDesign or Photoshop

#### **Desired**

- Experience using interaction design techniques (e.g. paper prototyping, wireframes, HTML mockups, etc.)
- Experience in agile software development using agile frameworks such as Scrum or XP;