**Cornell University Library – Information Technologies**

**User Experience (UX) Developer**

**Description**

Cornell University Library is looking for an enthusiastic and passionate user experience (UX) professional. Under the direction of the Manager of Land Grant Information Technology, the UX Developer will join a team of public service librarians, content specialists and developers to provide expertise in delivering innovative, modern web experiences meeting the educational and research needs of Cornell students, faculty, and staff.

**Core Responsibilities**

* Conceptualize and develop wireframes and prototypes that define functional specifications
* Develop, assess, and iteratively improve web applications – focusing on the front-end and emphasizing usability and accessibility
* Effectively communicate conceptual ideas and design rationales visually, verbally, and in writing, with user advocacy a constant priority
* Conduct usability testing and identify resulting patterns of user behavior
* Assess website effectiveness through usage analysis and other tools and practices

***This is a full-time, two-year (benefits-eligible) term position with the possibility of extension. Possibility of flexible work arrangement. Details regarding Cornell’s generous benefits programs can be*** [***found at this link***](https://hr.cornell.edu/sites/default/files/documents/rec-bro-contract-web.pdf)***.***

**Qualifications**

* Bachelor’s degree with at least 3 years of relevant experience, or equivalent combination
* Advanced knowledge of user-centered design methodologies and practices
* Strong understanding of User Interface (UI) and User Experience (UX) principles
* Expert level skill developing wireframes and prototypes using tools such as Balsamiq, Omnigraffle/Visio, Sketch, Adobe Experience or Photoshop
* Expert level skill developing dynamic data-driven websites
* Expert level knowledge in XHTML/HTML 4 & 5, Javascript, DOM, JSON, XML, CSS, or jQuery
* Ability to integrate real-time information feeds, local and distributed databases, content repositories, APIs, and other web services into applications
* Familiarity with Bootstrap or Foundation, and other UX libraries, such as Semantic UI, Flat UI, and/or Material Design
* Adept at leveraging and integrating off-the-shelf and open source technologies, and identifying when and how customized tools and solutions must be developed
* Ability to effectively communicate conceptual ideas and design rationales visually, verbally, and in writing, with user advocacy a constant priority
* Evidence of team-based collaboration experience and a strong service orientation
* Ability to handle sensitive/confidential material in a professional manner

***Preferred Qualifications***

* Experience conducting usability testing
* Experience analyzing website usage using tools such as Google Analytics or Piwik
* Proficiency developing web interfaces for all major browsers, such as Chrome, Firefox, Internet Explorer, and Safari, and in depth knowledge of their behaviors and rendering challenges
* Proficiency implementing responsive (mobile-first) designs
* Experience with Drupal and WordPress
* Familiarity implementing a model-view-controller application architecture using Rails, Symfony, or another framework
* Proficiency developing accessible web applications in accordance with current regulations and standards
* Experience using tools such as JIRA for issue tracking, Git or another source control repository, and an IDE of choice
* Experience in Agile software development methodologies

**No relocation assistance is provided for this position. Visa sponsorship is not available for this position**.

**Application Instructions:** Please apply by clicking (on this link). When applying through our system, please attach a Cover Letter and Resume (preferred as a combined PDF document) to your application materials.  In the “Experience” section of your application, use the ‘Drop Files Here’ box to manually drag document(s) into your application.

*Cornell University is an innovative Ivy League university and a great place to work. Our inclusive community of scholars, students and staff impart an uncommon sense of larger purpose and contribute creative ideas to further the university's mission of teaching, discovery and engagement. Located in Ithaca, NY, Cornell's far-flung global presence includes the medical college's campuses on the Upper East Side of Manhattan and Doha, Qatar, as well as the new Cornell Tech campus to be built on Roosevelt Island in the heart of New York City.*

*Diversity and Inclusion are a part of****Cornell University’s****heritage. We’re an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities.*