Position Type: Exempt

Position Title: Ruby on Rails Developer

Division: Digital Systems and Stewardship

Department: Software Systems Development and Research

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Reports to: Ben Wallberg

Date Prepared: June 20, 2016

NATURE OF WORK:

The University of Maryland Libraries are in the process of adopting Ruby on Rails as a part of their core technology stack and are looking for a contract developer to help stand up multiple Ruby on Rails applications. The primary focus will be on applications supporting staff administrative work, such as submission and review of 1) annual personnel budget requests, 2) student worker applications and 3) staff generated project ideas.

The successful candidate will work with a team of in-house developers to build the applications and will also provide technical consultation and training on Ruby and Rails best practices. The initial contract duration is for six months with an option for extension based on performance and availability of additional projects.

The UMD Libraries would also like to leverage the growing number of Ruby on Rails based open source applications that are created by the library community. Additional projects could include development of a Hydra based tool for Fedora 4 repository administration or customization of an ArchivesSpace application for archival information management.

DUTIES AND RESPONSIBILITIES:

- 50% - Build Libraries’ applications using Ruby on Rails, working in conjunction with in-house developers; participate in code design and review

- 30% - Provide strong written documentation throughout the software development lifecycle, utilizing tools such as JIRA for issue tracking, Git for version control, and Confluence for knowledge sharing and documentation; gather user requirements and feedback.
• 10% - Provide Ruby on Rails training and support for developers
• 10% - Other software programming and support duties as assigned

PHYSICAL DEMANDS: Normal Office duties

SUPERVISORY RESPONSIBILITIES: None

QUALIFICATIONS:

Required:
• Excellent interpersonal skills
• Excellent written and verbal communication skills

Preferred:

EDUCATION:

Required: Bachelor’s Degree

Preferred: Bachelor's Degree in a field related to information sciences, computer sciences and engineering, or information management

EXPERIENCE:

Required:
• Two years programming experience
• Experience developing web applications using Ruby on Rails
• Experience using software development tools for version control, such as Git

Preferred:
• Experience with Blacklight and Solr tools for search and discovery
• Experience as front-end web developer using HTML, CSS, JavaScript, and JS libraries
• Experience with Hydra and Fedora 4 repository tools