
Job Title	Software Developer
PVN ID	GS-1801-002283
Category	Information Technology
Location	The GRADUATE CENTER
Department	R��pertoire International de Litt��rature
Status	Full Time
Hourly Rate	\$15.00
Hour(s) a Week	35
Closing Date	Mar 03, 2018 (Or Until Filled)

General Description

R  pertoire International de Litt  rature Musicale (RILM) publishes RILM Abstracts of Music Literature and RILM Retrospective Abstracts of Music Literature, widely recognized as the world's most comprehensive abstracted bibliography on music and related disciplines for over 45 years, now with some 830,000 records. The database is fully searchable with in-depth vocabulary-controlled indexing and abstracts, and with titles given in both the original language and English translations.

RILM is currently aggressively expanding its product offerings, creating several digital publishing initiatives. These initiatives focus on extracting full-text data from publications such as journals and encyclopedias, targeting topics within RILM's domain expertise. Key to these initiatives is integrating RILM's existing unique bibliographic and related assets into the indexing and searching process.

Other Duties

Responsibilities:

- Software architecture and design
- Understand project requirements, and translate those requirements into architecture design and implementation
- Participate in all aspects of development team tasks, testing, and support as appropriate
- Work closely with project team in an agile environment
- Participate in preparation of both technical and end-user documentation
- Participate organization-wide in all RILM development projects
- Assist the product and technology team with input across all projects
- Provide communication and recommendations to management and personnel on best practices, consistency, and documentation
- Provide hands-on end user support where necessary

Qualifications

Qualifications:

- BS in Computer Science or related field, or related work experience
- 3+ years of experience in software development with experience in:

oNoSQL datastores like MarkLogic

oProgramming languages like XQuery and JavaScript

oXML (XSL, XPath, and XSLT)

oBuilding front-end web interfaces

oRESTful web services (using both XML and JSON)

oWorking knowledge of version control systems such as Git

oExcellent communication skills, written and verbal

- The following qualifications are a plus

oExperience with Node.js or comparable web servers

oExperience with AWS or similar hosting platforms

oExperience with client-side MVCs such as Angular (preferred), Backbone, or React

oExperience with MS SQL

The successful candidate will have some experience in RILM's domain area (libraries, academic publishing), or is willing to accept a steep learning curve. The successful candidate will also be willing and able to work in multiple development environments and frameworks, as well as to learn and provide leadership in new environments.