



The Swiss RISM Office is an academic research infrastructure dealing with historical music documents. It develops and maintains a database together with an international community and has a strong expertise in the development of digital tools for musicological research.

In order to reinforce our team, we are looking for a:

## **Senior software developer**

Fixed term position (18 months, starting date to be agreed)

### **Role**

- Develop a web application for aggregating heterogenous musicological data resources
- Design a ground-breaking domain-specific user interface tailored to academic datasets
- Apply agile methodologies in collaboration with the team members and project partners
- Collaborate with internal and external developers for the implementation and deployment of the web application
- Present the application and conduct workshops for potential users of the product
- Strengthen the team's international presence through reinforcement of existing and new partnerships
- Participate in the writing of grant proposals for the continuation of the project

### **Profile**

- PhD in Music Technology
- At least 3 years of software development in a digital library environment
- In-depth knowledge of web application software components (RoR, JS, SASS, Git)
- Proven experience of leading international collaborative academic projects
- Expertise in large-scale data indexing (Solr) and in Linked Data technologies
- Experience in digitisation, including the use of IIIF resources and of OMR technologies
- Excellent knowledge of musicological data modelling (MEI) and querying
- Track record of implementing sustainability strategies
- Good experience of public speaking and presenting to a technical and non-technical international audience
- Experience of grant proposal writing and related administrative procedures
- Excellent written and spoken English, with knowledge of French or German an asset

### **We offer**

- An interdisciplinary team comprising musicologists and computer scientists
- Active participation in a wide range of leading international digital musicology projects
- Challenging, innovative work at the forefront of digitisation and music technology
- Dynamic and flexible environment in which free thinking is encouraged

Interested? Do not hesitate to find out more about this unique job opportunity, and send your complete application file before 6th February 2020 to: [info@rism-ch.org](mailto:info@rism-ch.org)