# Lute music website

I am looking for a web designer who is experienced in web design and familiar with Django 3 and Bootstrap 5 to upgrade my current website, [https://lutemusic.org](https://lutemusic.org/). I have checked out these platforms and know them well enough to communicate about them but, as an amateur, I don’t know enough to do the job that is needed.

My site is probably the largest free online collection of lute music in the world, with around 8000 settings of pieces by over 800 composers. Up to now, playable editions of lute music have been hard to find and expensive to buy. Increasingly, facsimiles of music documents (books and manuscripts) from the 16th and 17th centuries have begun to become available in the public domain, but these often contain errors and are, in general, difficult to read for the average performer. My mission is to make as much of this beautiful music as freely accessible and as beautifully presented as possible. Each piece on the site has been created through specialized lute-music software called “Fronimo”, which generates the specialized form of music called “lute tablature” (similar in certain ways, to guitar tab). Each piece on the website has a corresponding fronimo (.ft3) file, a PDF File, and a midi file(which allows the user to get a rough idea of what the piece should sound like).

The site is currently quite ugly and primitive. The pieces are contained in a directory hierarchy and only accessible by browsing through that hierarchy. There is a serious need for a proper searching capacity. I have written a python program that mines 28 different data fields from each Fronimo file, including title, subtitle, composer, original composer, key, instrumentation (type of lute or other instruments required), type of piece (fantasia, pavane, etc.), date, difficulty level, source, document, page number, etc. Data for all the pieces on the site are contained in a .tsv file, which I have converted into an Excel spreadsheet. Currently, looking through the spreadsheet is the only “search facility” available on my site.

I also want to make it easy for users to collect and download music from my site, and to upload music in a format that fits the strict standards for my site, a standard that allows for the data mining referred to above and also produces ideal performance copy that is highly readable and fits nicely on a music stand.

I need a programmer who can cause my data to be read into a searchable database (like SQLite, etc.), and then can create a search algorithm that can allow my users to conduct simple or detailed searches to find exactly what they need. A familiarity with music, particularly early music, and with musical terminology would be desirable but not essential.