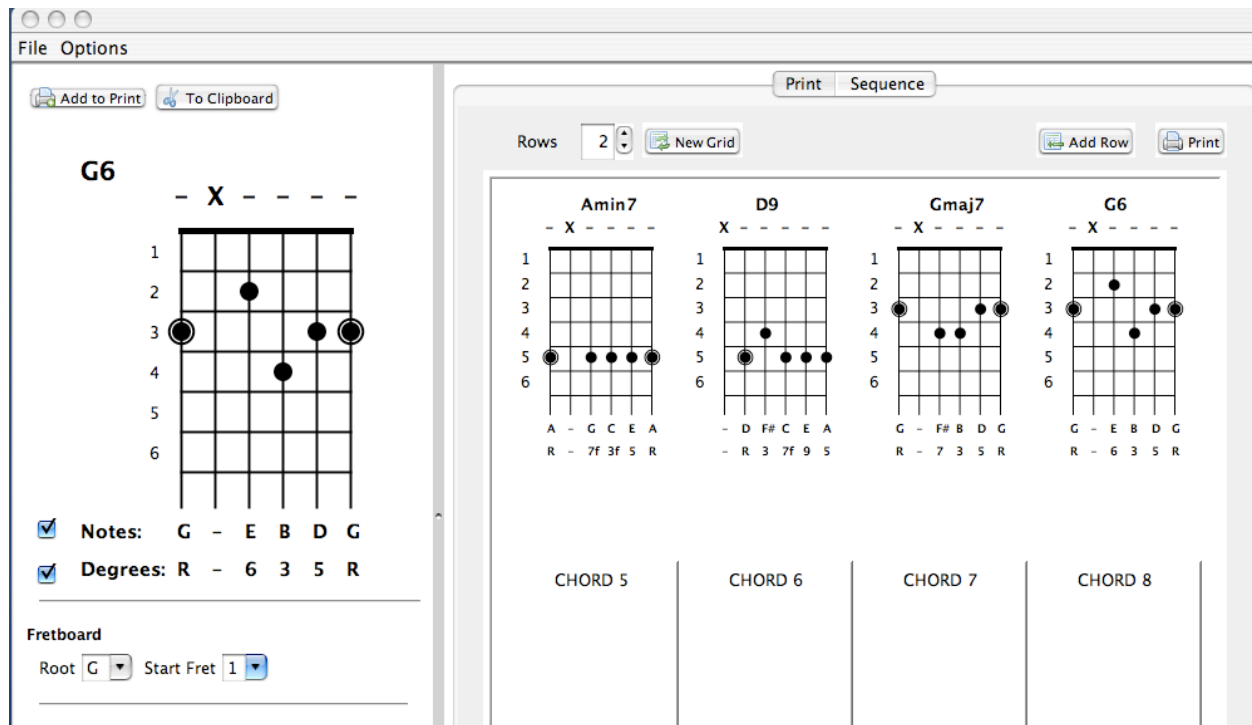


499 Projects

David Rappaport

ChordShop

This project is related to my ongoing research on the connections between music and mathematics, in particular, an interactive tool for studying guitar chords, ChordShop. A snapshot of this tool appears below.



The program is written in Java. The task at hand is to understand the current java program and upgrade it by adding some functionality, that is, the ability to typeset in standard music notation, improve the tools appearance and its user interface.

The skills needed for successfully completing this project are,

- creativity
- technical ability with java, and using an audio package

Other useful skills would be experience (and access to a Mac) with Mac OS X, and some knowledge of the rudiments of music, and some knowledge of music engraving languages such as Lilypond, or ABC.