

# STUDY AND RESEARCH ON ARTIFICIAL INTELLIGENCE AND IMPLEMENT A DIGITAL MUSIC COMPOSER

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## ABSTRACT

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The digital music composer is a system that can be use to compose songs. The composer can code the music and the system will automatically generate the songs. With this system, the music that the composer composed will be turned to the desired song, played by the system. The system involves the concept of artificial intelligence where the system will act as the sequencer to adjust the pitch of the note. There are certain ranges of pitch of note that the system will support. If the pitch of the note are very and high and suddenly it jumps to very low, the system will detect it and advise the composer to change the flow of the song. So, it acts as a sequencer to automatically adjust the pitch so that it is within the range of the song. This is convenience for the novice users who are not so familiar with the music tone range. This may act as a guideline for them along the way of composing the music or song.