

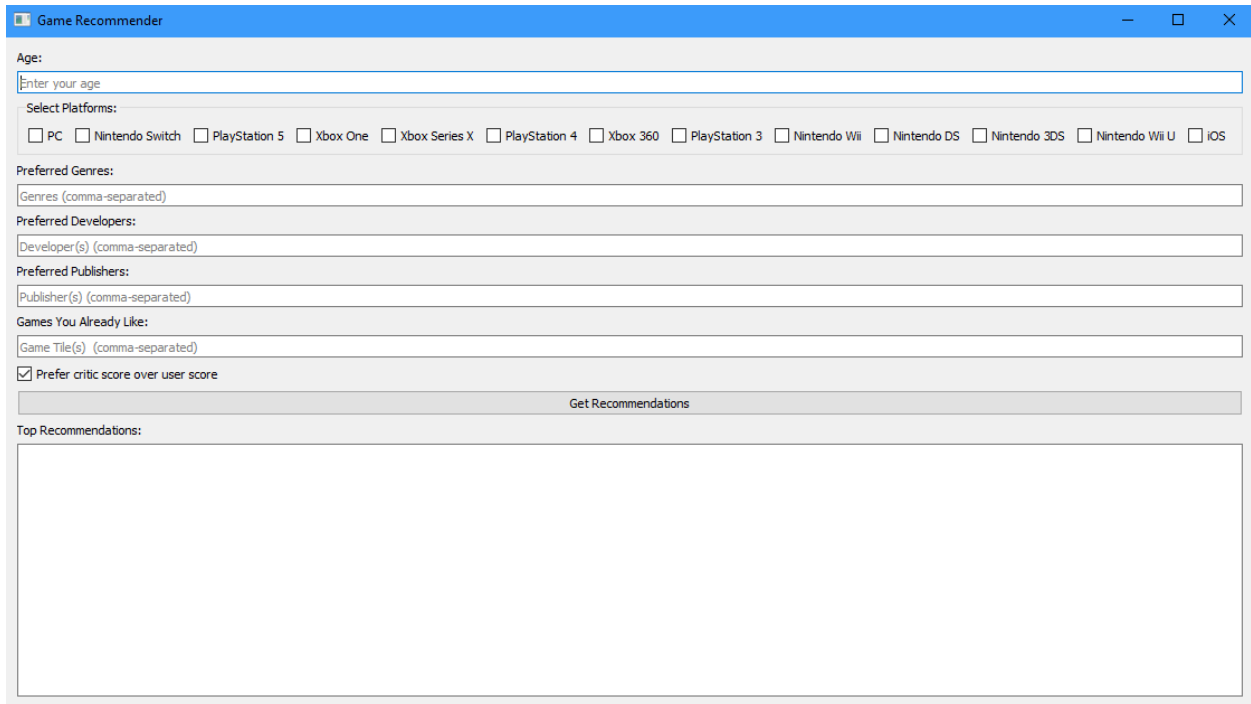
NETS 1500 Super Game Recommender User Guide

Setup:

Welcome to the Super Game Recommender to find your next favorite game! To run our program, all you need is main.py, RecommenderAlgorithm.py, and an internet connection!

Before running our .py files, please make sure all of the pip modules in requirements.txt have been installed using “pip install -r requirements.txt”!

You can start up the program by running main.py! You should see a window that looks something like this:



The screenshot shows a window titled "Game Recommender" with a blue title bar. The window contains several input fields and a button. The "Age:" field has a placeholder "Enter your age". The "Select Platforms:" section has checkboxes for PC, Nintendo Switch, PlayStation 5, Xbox One, Xbox Series X, PlayStation 4, Xbox 360, PlayStation 3, Nintendo Wii, Nintendo DS, Nintendo 3DS, Nintendo Wii U, and IOS. The "Preferred Genres:" field has a placeholder "Genres (comma-separated)". The "Preferred Developers:" field has a placeholder "Developer(s) (comma-separated)". The "Preferred Publishers:" field has a placeholder "Publisher(s) (comma-separated)". The "Games You Already Like:" field has a placeholder "Game Title(s) (comma-separated)". There is a checkbox labeled "Prefer critic score over user score" which is checked. A "Get Recommendations" button is located below the input fields. At the bottom, there is a section labeled "Top Recommendations:" followed by a large empty rectangular box.

Now, you can input your parameters to find the game of your dreams!

Usage:

The program has the following parameters: None of these are mandatory, but the more you fill in, the more you will be able to fine tune your recommendations.

- Age (For Compliance with ESRB Game Age Ratings)
- Platforms
 - Checkboxes for the platforms you want to play on. Feel free to select as many as you want. The algorithm will show games that belong to at least one of the selected platforms.
 - If no Platforms are selected, the algorithm will show games for all the available platforms.
- Preferred Genre(s) (comma separated)
 - e.g. Action, FPS, Adventure, Puzzle, Open World
- Preferred Developer(s) & Publisher(s)
- Games You Already Like
 - Input any games that you are interested in and want to find games similar to. Enter the title of the game with comma separating each game.
- Critic vs User Score
 - A checkbox that toggles preferring Metacritic Critic Scores over the User score. The algorithm uses Metacritic Data to give you the highest rated games!

Once you put in your desired parameters, click the Get Recommendations button! You will be given a list of upto 20 games you can check out in the scrollable field at the bottom, as well as their platforms, and our custom "Recommendation Score". The higher the score, the better the fit the algorithm thinks the game is to your parameters.

Happy Game Hunting!