

## Rachel Wong, Allie Zhao

**What API we'll be using:** [https://api.rawg.io/docs/#operation/games\\_list](https://api.rawg.io/docs/#operation/games_list)

### What our project is:

We intend to create a sort of video game library in which users can search video games by title, genre, developer, etc. There most likely will be an advanced search functionality that allows the user to filter out results with checkboxes, similar to how PCPartPicker has a filter with many options on the side of the page, as shown in the image.

If we get the chance, we may also implement an ordering system that allows the user to change the order of displayed games based on ratings, lowest price, and so forth.

Intended audience will be for casual and passionate gamers who are craving the excitement of investing time into a new game.

The screenshot displays a web interface for a game library. On the left, a 'Filters' sidebar is highlighted with a red border. It contains three sections: 'PRICE' with a slider from \$0 to \$9876, 'MANUFACTURER' with checkboxes for All, Asus, EVGA, Gigabyte, MSI, and NVIDIA, and 'RATING' with checkboxes for All, five-star, four-star, three-star, two-star, one-star, and Unrated. Each section has a 'Show more' link. The main area on the right is a table of games, each with a checkbox, a game icon, the game name, and the GPU model.

Checkbox	Game Icon	Game Name	GPU Model
<input type="checkbox"/>		Gigabyte GAMING OC	Radeon RX 5700 XT
<input type="checkbox"/>		Asus STRIX GAMING OC	GeForce RTX 2070
<input type="checkbox"/>		NVIDIA 900-1G160-2565-000	GeForce RTX 2060 SUPER
<input type="checkbox"/>		MSI GTX 1050 Ti 4GT OC	GeForce GTX 1050 Ti
<input type="checkbox"/>		MSI VENTUS OC	GeForce RTX 2060
<input type="checkbox"/>		MSI GAMING X TRIO	GeForce RTX 2080
<input type="checkbox"/>		MSI ARMOR OC	Radeon RX 570
<input type="checkbox"/>		Sapphire PULSE	Radeon RX 5700 XT
<input type="checkbox"/>		MSI GAMING X	GeForce GTX 1660
<input type="checkbox"/>		MSI GAMING X	GeForce GTX 1660 Ti
<input type="checkbox"/>		NVIDIA 900-1G180-2540-000	GeForce RTX 2080 SUPER