

FBLA CODING AND PROGRAMMING DOCUMENTATION

CODING AND PROGRAMMING

ATTRACTION FINDER

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REASONING

1.1 Purpose

There are a lot of places to travel to. Many people become overwhelmed about where to go and what they can do. There are many restrictions for people, such as age and money, when travelling. This becomes a problem, especially when trying to plan what attractions to visit, when, and with whom.

1.2 Attraction finder

The application we have created allows help to these tourists on choosing their next vacation. Attraction Finder helps tourists choose between five factors to help decide what attraction would be the best for them. The factors include time, distance, price, age, and weather. Time helps the user to choose between nighttime attractions and daytime attractions. Distance helps Floridian users to choose how far they are willing to go, the options are regional, state, and national. The distance helps vary the choices depending on whether the tourist is willing to go extremely far or close by. Price allows the user to change the options they must help fit the price range they are looking for. The price options vary from twenty dollars to sixty dollars, sixty dollars to one hundred dollars, or even over one hundred dollars. Age prevents problems that could occur, such as children going to an adult attraction. The application allows the tourist to choose their age range which could be zero to seventeen, eighteen to fifty, or even over fifty years. Finally, the last factor is weather, which only has two options, cold or hot. Some attractions can only be enjoyed during certain times, like a scorching summer day at the beach.

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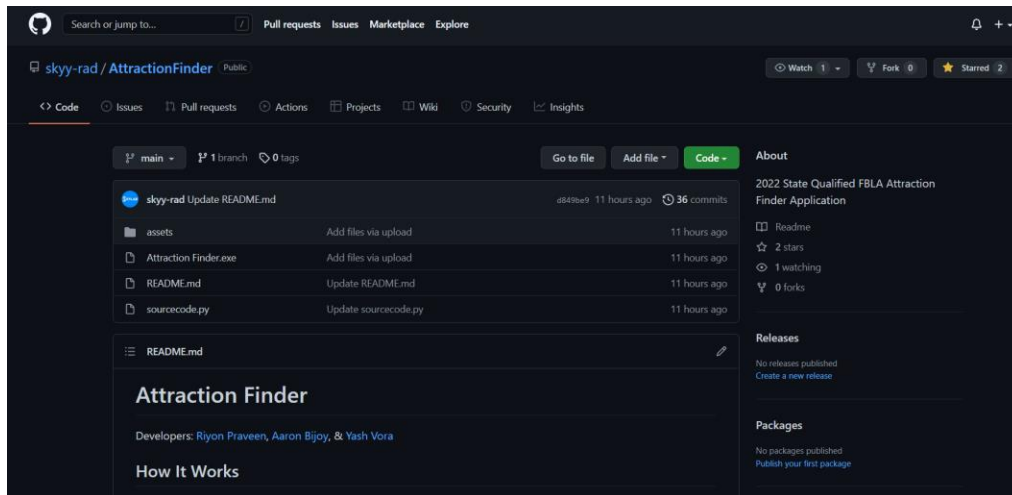
How to download

2.1 Where to find

Use GitHub to find the application.

Website: <https://github.com/skyy-rad/AttractionFinder>

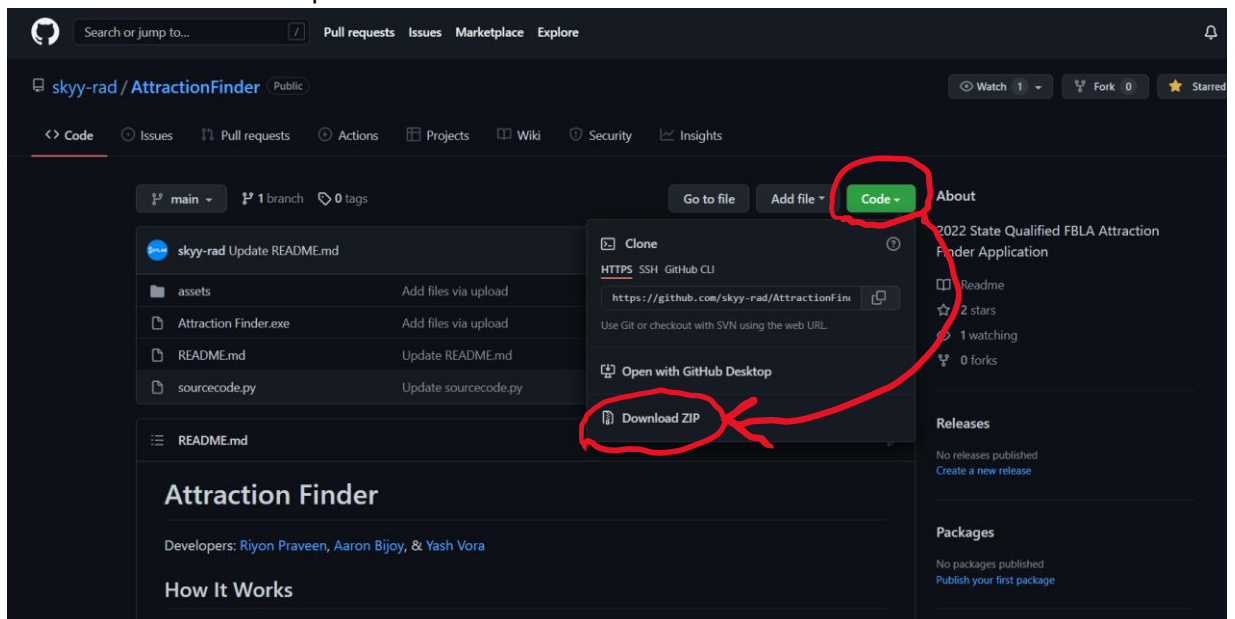
It should look like:



2.2 How to download

Press the green “code” button

Press the “download as zip” button



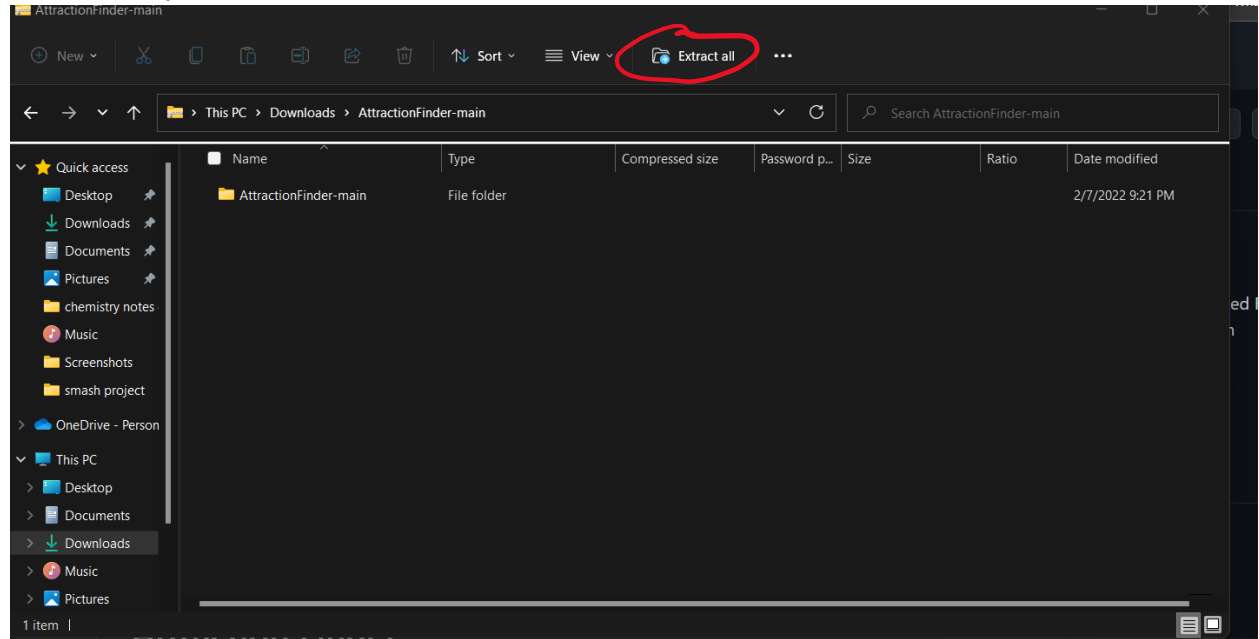
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2.3 Extraction

Open files

Find zip

Extract the zip



2.4 Files

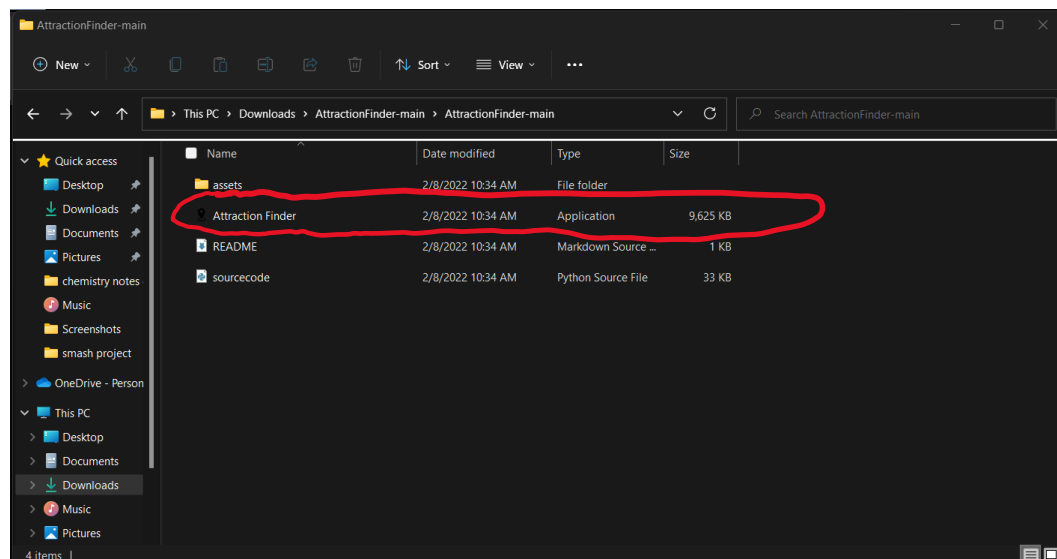
Once extracted, locate the folder

Open the folder

Find the application

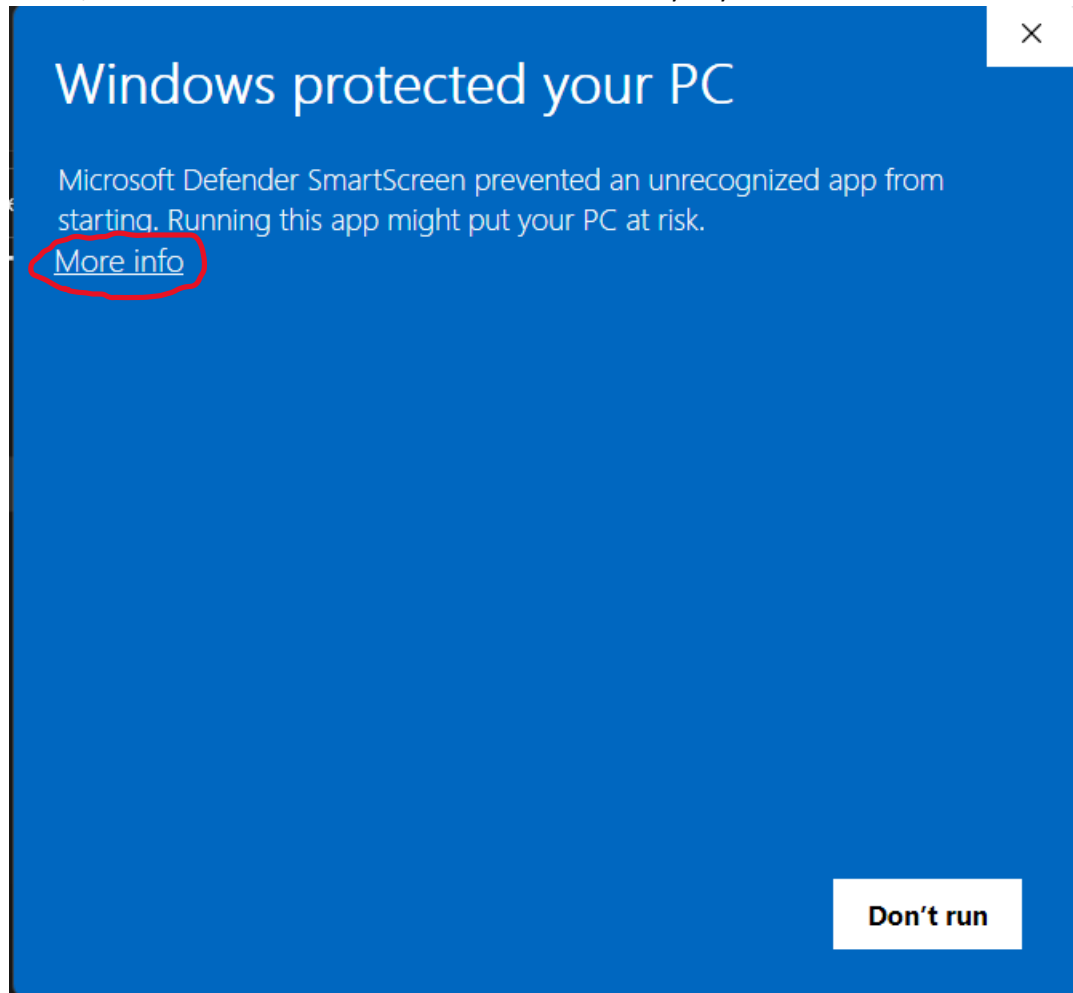
Open "Attraction Finder.exe"

Run Attraction Finder



2.5 Virus warning

there might be a warning saying this application might be a virus
the reason for this is because of the fact the application is a open source code
to run, hit more info and and another button for run anyway will show next to 'don't run'



System Requirements

3.1 OS

- Windows 10 & 11
- Linux
- macOS

3.2 WIFI

- Stable, good connection

3.3 Space

- 25MB

3.4 Ram

- 2 GB

Version History

4.1 Version 1

- opens with title and creators in the top-center
- bottom center shows instructions
- left side shows dropdowns with a search button
- dropdowns listed (top to bottom): time, weather, money, location, age
- search button under dropdowns
- bottom left corner has FBLA logo
- center box changes to desired attraction once all dropdowns have a factor
- title and creators disappear

4.2 Version 2

- made a reset button which resets screen to beginning with title, instructions, and creator
- made about button in top right corner that opens an alert message box that shows what year and what competition with creator names and help page which has phone number and email address
- made sources button next to about button which allows user to access the text file with sources for all pictures
- hyper link that allows user to travel to webpage for the desired attraction

4.3 Future version

- adding a text-to-speech for broader audience and access to those who cannot see as well
- adding a google maps feature which allows a way to pinpoint the location of the attraction and the distance from you to the attraction

Key features

5.1 About button

Added a button on the top right corner that allows the user to navigate to an alert message box that shows information of the application and where to go for help. The information displayed is “2022 FBLA State Qualifier Attraction Finder” and then in the next line it says, “Created by Riyon Praveen, Aaron Bijoy, & Yash Vora”. For the help information, a line is skipped to create space in between the two texts. The help information says “Any Question or Bugs? Contact us now!” with “email: riyonpraveen23@gmail.com” in the line under it and then “phone: 813-438-9484” under that line as the final piece of text.

5.2 Sources button

Next to the “about” button, there is a button that is labelled “source.” The source button opens a small box that asks a question “open source.txt?” with two options, yes and no. If no is pressed, then the small box will close and allow the user to use the application. If yes is pressed, then another page will open that is a text file. On the text file, there are many labels with links separated by a line skipped from one another. These labels show what images are used and where the pictures were found.

5.3 Hyperlink titles

once an attraction is showed from the options that is chosen by the user, the there will be a picture with a title underneath it followed by a small description of the place. If the mouse is moved to hover over the title, the title will change color to indicate that it is a link, and the user is given the opportunity to press the title. When pressing the title, the application will open a browser to the website about the attraction that was chosen. This allows the user to navigate quickly to wherever they decide to go and purchase a ticket to the attraction that was chosen.

5.4 accessibility features

Next to the text for description and instruction, there is a “play sound” button which allows the user to quickly hear the description for the desired attraction which is depended on the choices chosen by the user. This allows the application to be more usable to a broader audience, such as people with disabilities that need accessibility on computers and other devices.

General Documentation

6.1 How to use

Once the application is opened, the beginning screen shows the title “Attraction Finder” with the creators “Made by Riyon Praveen, Aaron Bijoy, & Yash Vora” underneath the title. the screen also shows instructions which reads “Start by Click on The Dropdowns Located to The Left and Hit Search When You Are Done,” and the FBLA logo in the bottom left corner. Above the logo is the search button and a reset button followed by the dropdowns for all the options. The dropdowns are (listed from top to bottom), time, weather money, location, age. Pressing the “about” button will open a popup that says “2022 FBLA State Qualifier Attraction Finder”, “Created by Riyon Praveen, Aaron Bijoy, & Yash Vora”. With a line skipped, it then says “Any Question or Bugs? Contact us now!” “email: riyonpraveen23@gmail.com,” “phone: 813-438-9484” with a line down for every quoted section. Pressing the sources button will show a popup that asks “open source.txt?” with the choices yes and no. if “no” is pressed, the popup will close allowing usage to the application. If “yes” is pressed, then a text file will open with titles and links to every picture used in the application. If the search button is pressed without all dropdowns having a choice chosen, a popup alert will show saying “Please Select an Option for All Dropdowns.” Once a choice for all dropdowns is chosen, the desired attraction that corresponds with the choices are shown in place of the title and creator, making the title and creator names disappear, a small description of the attraction with the title will replace the instructions. The title can be used as a link to the official website of the attraction that was chosen through the choices made in the dropdown. Pressing the reset button next to the search button will remove the image and its title and description, bringing the application back to the original screen it was in the beginning. The process of choosing attractions through the dropdown can be repeated as many times as needed, the same can be said for all buttons. The application can be minimized through the minimize button that is in the very top right corner, in the border of the application, the application can be exited the same way as minimizing but with the “X” button in the very top right corner.

6.2 Sources

- all pictures were obtained legally and were free to copy on the websites given
- Below are the sources to all pictures used in the application and throughout the process of creating the code:
- Also available on application



FBLA sources.txt