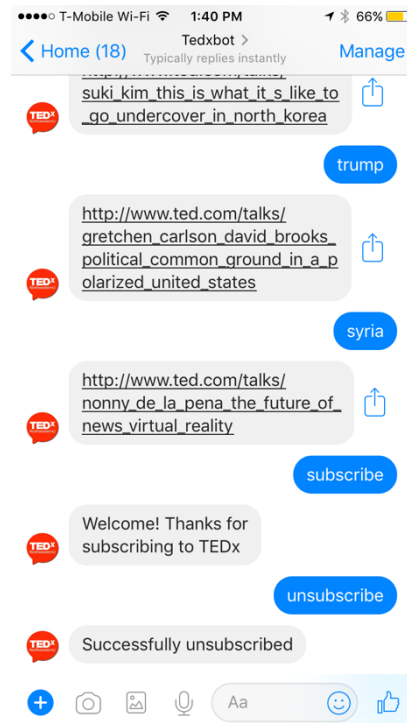


Over the last couple of years, I have worked on several projects ranging from popular games to back-end system projects. The following three are my most favorite however. Please see below further details on each of these projects.

TedX Bot Northwestern: Facebook Messenger Bot

Working in a team of four members, we partnered with TedX Northwestern to build a Facebook Messenger bot for Northwestern Students. Our goal was to allow students to quickly message a certain topic that they are interested in to the bot and have a TED video sent back to them. I enjoyed working on this project as it allowed me to work on new and emerging technologies. I believe that this project can not only increase awareness of TedX on campus but also allow students to have quick, interesting and informative videos at any moment!



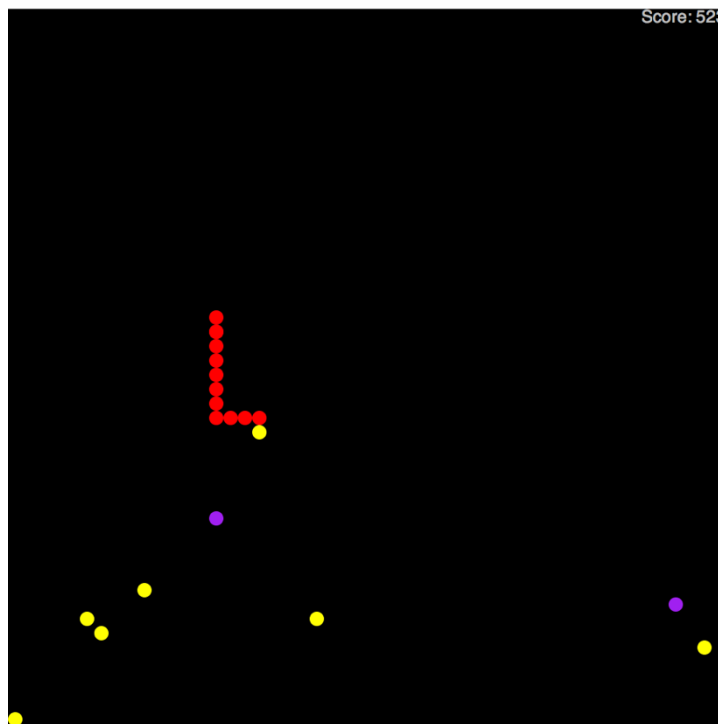
How to use: To get started, open a chat with this Facebook page (<https://www.facebook.com/tedtalksbot/>) by clicking on the “Message” button. Once a chat is open, follow these steps:

1. Message a topic to receive a link to a Ted video
2. Message subscribe to receive daily videos
3. Message unsubscribe to stop receiving videos

Note: Code can be viewed at: <https://github.com/nikitbobba/tedXBot>

Snake Game

Snake, a classic game that allows players to control a snake and eat morsels, has been a nostalgic trip to create. I made this game for the nostalgic feelings. I remember playing this game on my parent's mobile phones way before smartphones became a norm. For anyone who shares similar nostalgia, playing this game can be a travel back in time.

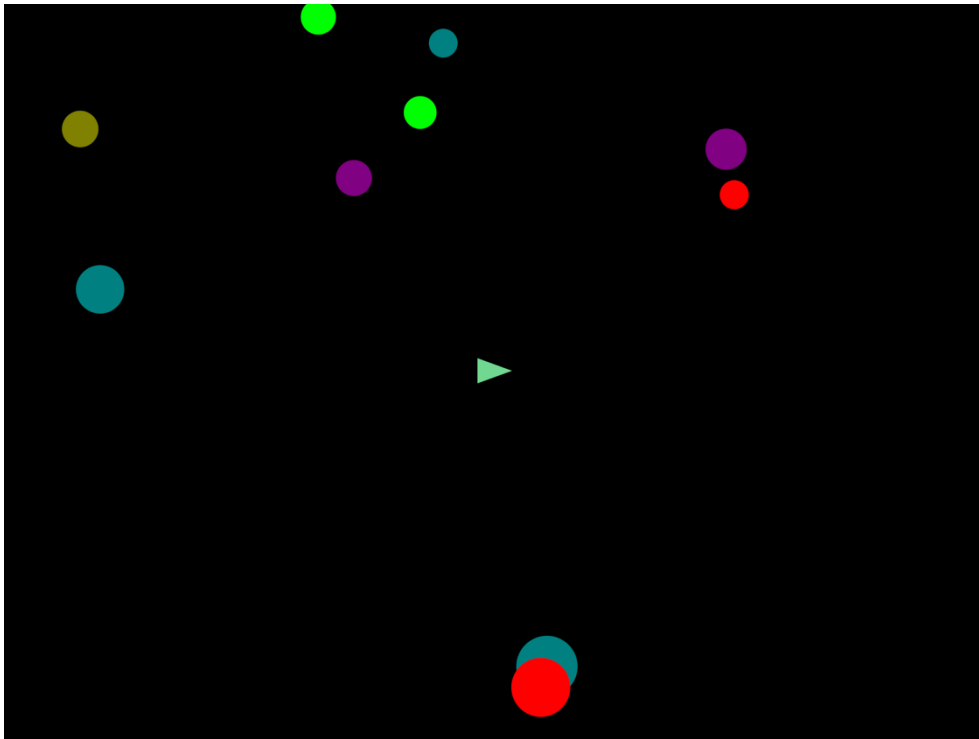


How to play this game: To get started one should first install Racket (<https://download.racket-lang.org/>) on one's computer. Once Racket has been installed, follow the steps outlined below:

1. Download/clone the game from my Github here: <https://github.com/nikitbobba/classic-snake>
2. Open snake-game.rkt
3. Run the program
4. Type game-start
5. Type the following: (play-game game-start advance-game add-food change-direction game-score game-over?)
6. The game will start to run and you can use the arrow keys to move
7. The yellow circles represent the food that you must run into
8. The purple circles represent the obstacles that you must avoid
9. Enjoy!

Space Asteroids

Space Asteroids is another classic game that I fell in love with years ago. Even today, this game can be found in arcades all over the world. It is an intuitive game that allows users to simply shoot down as many asteroids as possible. Creating this game was like walking down a memory lane and I hope other players will be able to experience the same.



How to play this game: To get started one should first install Racket (<https://download.racket-lang.org/>) on computer. Once Racket has been installed, follow these steps:

1. Download/clone the game from my Github here: <https://github.com/nikitbobba/space-asteroids>
2. Open asteroids.rkt
3. Run the program
4. Type (asteroids)
5. The game will start and you can use the arrow keys to move
6. Shoot down the asteroids by pressing the space bar
7. Enjoy!