

Project Name: Alien Invasion repo

Project Type: side solo project

Project Goals:

Create Alien Invasion game with book Python Crash Course

Stage	Tools	Brief Description of Process	Challenge Resolution
Plan / Acquire	<ul style="list-style-type: none">• Visual Studio	<ul style="list-style-type: none">• Using code found in book <u>Python Crash Course</u> produce the Alien Invasion game from Ch 12 - 14•	<ul style="list-style-type: none">• While the book contains the code I have found that is does not always run as written and some debugging/troubleshooting beyond basic typos is needed
Create / Deliver	<ul style="list-style-type: none">• Visual Studio• Pygame	<ul style="list-style-type: none">• Creating ship and background images• Get ship to move and stay within screen• Add firing, tracking, and limiting bullets• Add Alien image, expand to line of aliens, expand to fleet of aliens• Add movement of aliens across and down the screen• Shoot the Aliens• Added play button to start game• Limited ships to 3 for 3 'lives'• Game speeds up with higher levels• SCORING = IN PROGRESS• Customize the game once completed• Could alter ship.bmp, colors, bullet logic, etc.	<ul style="list-style-type: none">• Biggest challenge so far is that .bmp are not loading with the code written. I tried using the full path for the files and solved this issue• This is first exposure to using Class in python