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EECS 492 - Artificial Intelligence
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Dir : code

Contains python code required to run my genetic search algorithm.

To run simply use python to execute main.py.

\$> python main.py

For help, use the -h or --help flag with main.py

\$> python main.py --help

Usage :

main.py -n <N> -k <K> -p <P> -e <E> -i <infile>

-n : N = Number of parents
-k : K = Number of children
-p : P = Number of polygons per image
-e : E = Effort ($N + KT$) where T is generations
-i : infile = Path to image to approximate

NOTE: All flags are optional, but you will most likely want to provide your own input file with the -i flag.

By default, the program uses ../images/im_darwin.jpg as it's input file

Dir : code/classes

Contains python classes used by main.py, test.py, and test_surface.py to run the algorithms.