Abstract

For Project 3 in CS 310 Python

My interests lie in scientific programming and my search for a project using the Django framework and Python led me to settle on generating color plots of fractals / Mandelbrot sets in a web application. Using the web interface, the user will input the required data and the application will generate a graph similar to the type shown below. To reach my goal, I will research and use packages such as matplotlib.pyplot, scipy, and numpy.

