CMPT 406 Project Description

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Given a set of points on a sphere, I want to construct two spherical voronoi diagrams, the nearest neighbor voronoi diagram and the farthest-point voronoi diagram.

For the nearest neighbor voronoi diagram, I will calculate the centers of voronoi region and then calculate the centers' voronoi diagram. If time permits, I can generate a map based on it.

For the farthest-point voronoi diagram, I want to find a point on the sphere that the maximum distance from it to all the points is smallest.