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EECS 560 Lab 3

1. Explain how this algorithm can help in application development.

This algorithm makes it easy to store the large amount of data necessary to run this app, and also facilitates efficient interaction and manipulation of that data which allows the app to run smoothly. It especially helps for searching for a restaurant by name, as the given search string simply has to be fed through the hash function to find the location of the relevant data.

2. Can you suggest a third factor which can be included in this kind of recommendation app? For example: the distance from your location.

Many options exist for a third option, and many of them can be seen in action on competing restaurant database services like Yelp, TripAdvisor, and Google Maps. Some options include cuisine, popularity, and restaurant hours.