



My Travel Buddy



Brogan Avery
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Real World Problem

- I plan to take a lot of road trips
- I need a way to plan trip routes
- I need a way to plan my packing supplies
- I need a tool to budget

My Program, Data Structures, and Sort

- Item and List classes to store packing Items and a budget for the list
- Location class to store locations and their coordinates
- Graph used to query the distance between two locations
- Priority Queue used to manage which packing items are the most necessary
- Insertion sort used to see the item list sorted by price or item ID

Links to GitHub and Demo Video

Project Code: <https://github.com/brogan-avery/DataStructuresFinalProject>

Video Demo: <https://www.screencast.com/t/CjQ5z4vRBYz>