

DJ's Algorithm HW write-up

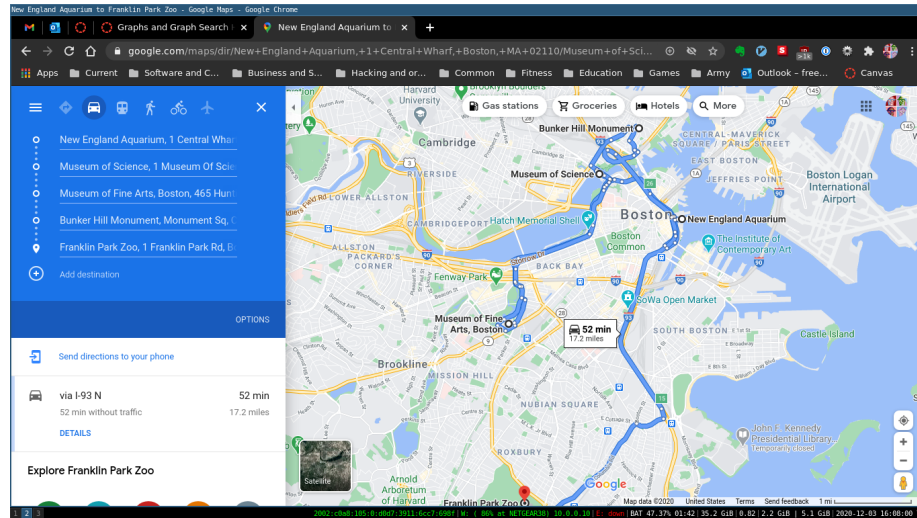


Figure 1: Bahston

Graph: NEA -> MFA: 14 NEA -> MOS: 20 MFA -> MOS: 35 MFA -> BHM: 42 MOS -> FPZ: 52 FPZ -> NEA: 21 DJ's $\begin{bmatrix} -1 & 0 & 0 & 1 & 2 \end{bmatrix}$

So I just used google maps and got the travel times from each point of interest to its neighbors. These times can be drastically different depending on which mode of travel so I just opted for a car. I believe the results are reasonable as I generally kept the nodes accessible throughout the trials. I ran into an issue where each time I googled the travel time it was different because of traffic. For consistency in representations sake this is the average time between points.