

15-400 Report 4

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1 Major Changes

I don't have major changes for my part of the project. The only problem is I am quite behind so I need to catch up with my plan.

2 Accomplishments

We now have 2 working CRD algorithms, one is implemented by me in Python with visualization of graphs, the other is by Andy in C++ where he finished all debugging and had some optimizations to run faster.

3 Meet Milestones

Unfortunately, due to Spring break and outbreak of coronavirus, I haven't met the milestone I planned to do, which is integrating CRD into GraphSAGE plus implementing PageRank Nibble algorithm. Since this week might be busy, my plan now is to integrate CRD before next Thursday.

4 Surprises

Not many surprises by research, but I am really surprised by how fast coronavirus spreads in US.

5 Look Ahead

I will need to speed up on finishing the most important component of my project, i.e., configuring the system. If next few weeks goes well, then more algorithms can be involved, since some of them have a longer history and have some implementations online.

6 Revisions

I will focus on pushing current project step by step, instead of possibly opening up threads for other projects.

7 Resources

Currently no such problems.