COMP8470 Project Plan

Finding Close Communities in Large-Scale Social Networks

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Project Description

Study specific sub-graphs from a large-scale graph and leads with identifying triangles dynamically in an evolving network.

Tentative Timeline

Week 1 – 5
Master basic algorithms for truss (triangles) finding and counting

Week 6 – 7
Learn how to model entities relationships in a large social network

Study Break
Propose algorithms to improve performance

Week 8 – 10
Conduct experiments to implement and evaluate algorithms for truss

Week 11 – 12
Submit final report and artifact.

Week 13
Final Seminar Presentations

Working with Supervisor

Updates – Progress report every 2 weeks (By email)
Regular Communication – Email and weekly meeting