Similarity Measures and Sampling Methods for Complex Network Classification

Bachelor/Master

Summary
Investigate the fitness of various graph similarity measures and summarization techniques for complex network classification.

Project Phase
Implement graph similarity measures and use them to compare graph and identify different classes of graphs.

Thesis Phase
Investigate sampling and summarization techniques for scalable classification. Conduct an comprehensive experimental evaluation to evaluate the suitability of similarity measure-sampling combinations.

Requirements
- Experience in Java programming
- Course on Algorithms and Data Structures (or equivalent)

Preferable Courses (or equivalent)
- Graph Data Management and Analysis

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