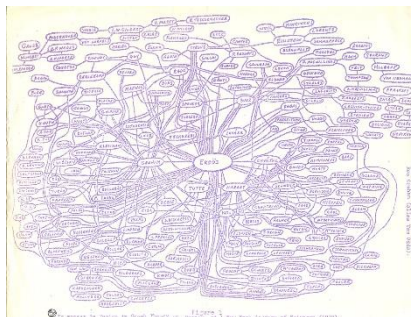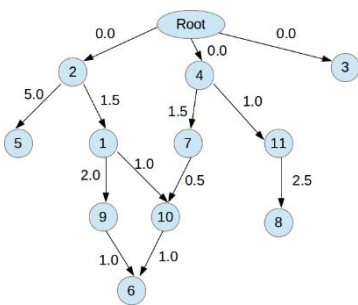# 학부생 연구기회 프로그램 (UROP) 공고

◆ 담당교수: Srinivasa Rao Satti	◆ 연구실: 계산 이론 및 알고리즘 연구실
◆ UROP 연구 과제명: Implementation of Space-efficient Graph Algorithms	
◆ 모집대상: 자료구조 및 알고리즘을 수강한 학부생	
◆ 모집기간: ~ 2017년 7월 초	

연구 과제 설명

The aim of this project is to implement some of the fundamental graph algorithms using limited amount of memory, and evaluate their performance.

This area of space-efficient algorithms has received renewed attention owing to its applications in processing large graph data (such as social networks). Implementing the basic algorithms such as BFS and DFS is still non-trivial in this setting, which is the focus of this project.

모집 조건

◐ Understandings of Data Structures and Basic Algorithm Analysis.
◐ Programming Skills, at least one from C, C++ or Java.

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