학부생 연구기회 프로그램 (UROP) 공고
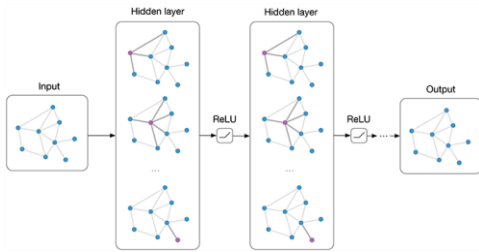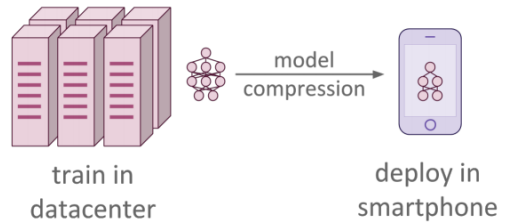
◆ 담당교수: 강유 (데이터 마이닝 연구실)

◆ 모집대상: 데이터 마이닝 및 기계 학습에 흥미 있는 3-4학년 학부생

◆ 모집기간: 2020년 6월 말까지

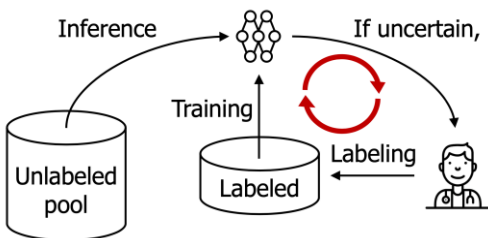## Distilling the Knowledge of Graph Neural Networks

o Understand a graph neural network
o Implement a state-of-the-art model
  • Existing method focuses on GCNs
  • Extend it to other models, e.g., GATs
o Applicable to graph-structured data
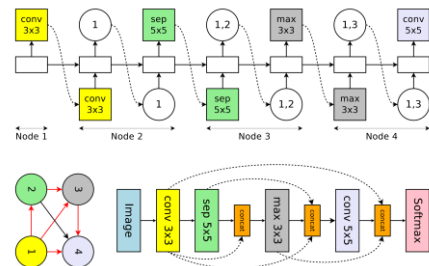
Compressing Convolutional Neural Networks

o Understand CNN model compression
o Implement CNN model compression approaches
o Improve the efficiency of a CNN model while keeping accuracy

Active Recommender Systems

o Understand active learning and recommender systems
o Implement active recommender systems with various techniques
o Compare the performance on real-world datasets

Efficient Neural Architecture Search

o Understand neural architecture search
o Implement an efficient neural architecture search method on GPU
o Applicable to general deep learning tasks

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