



Dr. Zhonghang Xia

Department of Computer Science



- Research Interests
 - Bioinformatics
 - Data Mining
 - Recommender Systems
 - Distributed Systems
 - Algorithm Design

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- I am designing new framework to clearly describe the relationships between gene and protein expression data in both peptide/protein identification and inference of gene regulatory networks
- The goal is to uncover biological pathways behind phenotypic characteristics of organisms at three levels: gene, protein, and metabolite, based on quantitative mathematical models.