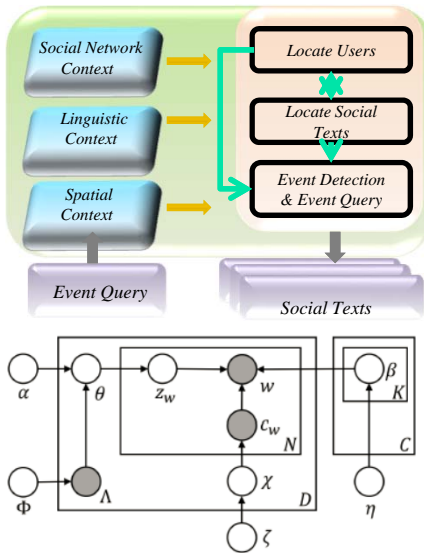# Professor Yan Huang

Department of Computer Science and Engineering

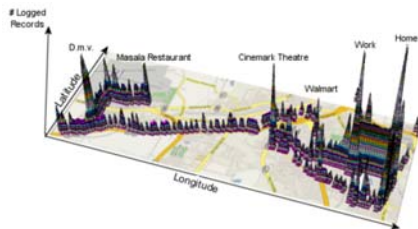Associate Dean for Research and Graduate Studies of College of Engineering
Machine learning, Big data, Spatio-temporal Databases and Mining, Urban computing, Geo-stream, Social Media Data Analysis
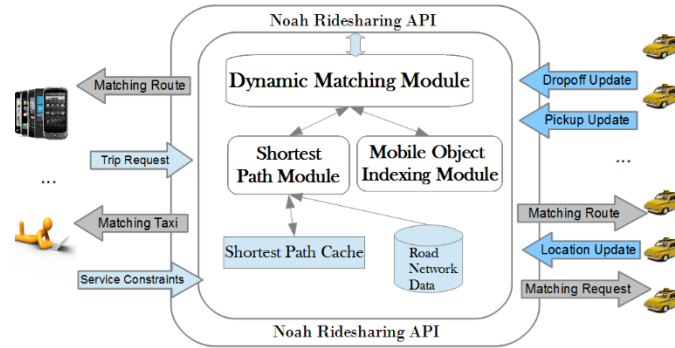Research Group: Federal and State Funding; 4 Ph.D. Students
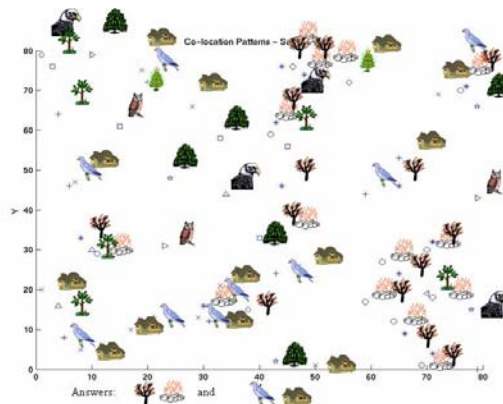
Social Media Analytics

Large Scale Real-time Ridesharing with Service Guarantee on Road Networks

Spatio-temporal Pattern Mining

Trajectory Mining

Social Media Analytics

- Active projects in event detection from social media
- Geo-social networks and community
- Expertise in machine learning, big data analytics

Spatio-temporal Data Mining

- Urban computing
- Smart transportation
- Smart city
- Sensor and streaming data
- Expertise in spatial-temporal reasoning