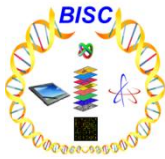
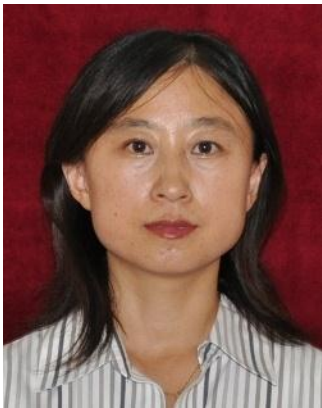


# Dr. Huanjing Wang

## Department of Math and CS

**My research interests include data mining, software metrics, software quality and reliability, software quality modeling, and bioinformatics.**

We explore the data mining concept of feature selection and investigate those technologies in the context of bioinformatics, software quality prediction and software metrics. Various techniques developed from data mining and machine learning have been successfully applied for deriving new information in a variety of domains. Feature selection (or attribute selection) has become a vital pre-processing step in most data mining and machine learning problems. In addition to improving the quality of the machine learning data set, feature selection is particularly useful for high-dimensional data. The aim of feature selection is to find a feature subset (i.e., data reduction) that can learn and describe the data set such that it is equivalent to the same task being done by the original data set (i.e., without any data reduction).



# Dr. Huanjing Wang

## Department of Math and CS

### Course Taught:

- Data Mining (CS 565)
- Advanced Database Systems (CS 543)
- Algorithms (CS 549)
- Database Management Systems (CS 443)
- Software Engineering (CS 360)
- Computer Organization and Architecture (CS 325)
- Computer Science I and II (CS 180, CS 181)